

Converting Colors

XYZ(79.1863, 84.5428,
103.0002)

Have a look what the booklet for
XYZ(79.1863, 84.5428, 103.0002)
contains.

XYZ(79.3304, 84.7056, 103.4354)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3304, 84.7056,
103.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EFFB
RGB	225, 239, 251
RGB Percent	88%, 94%, 98%
CMY	0.1176, 0.0627, 0.0157
CMYK	0.10, 0.05, 0.00, 0.02
HSL	208°, 76%, 93%
HSV	208°, 10%, 98%
XYZ	79.3304, 84.7056, 103.4354
YIQ	236.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

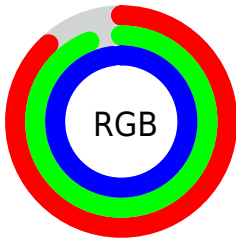
Format	Color
R_{YB}	225, 234, 251
Decimal	14807035
CIE _{Lab}	93.76, -2.32, -7.37
CIE _{LCh}	94, 7.730, 252.517
Yxy	84.7056, 0.2966, 0.3167
Android (android.graphics.Color)	4292997115 (0xFFE1E _{FFB})
YUV	236.1820, 7.3053, -9.8066
Hunter-Lab	92.0356, -7.2038, -2.2088

Details

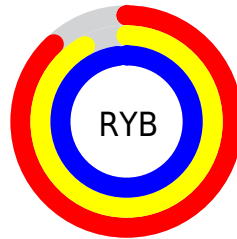
The XYZ color **79.3304, 84.7056, 103.4354** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6588, 86.5132, 83.5250**, and the grayscale version is **79.8227, 83.9797, 91.4539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3614, 46.3532, 58.2914** is the 20% darker color. If you saturate the color by 10%, you get **68.7913, 74.4015, 102.0033**, and if you desaturate by 10%, it is **91.2420, 96.0443, 104.9975**.

Distribution



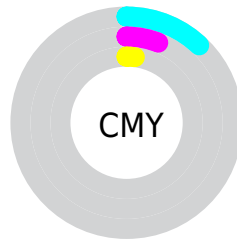
- Red (88%)
- Green (94%)
- Blue (98%)



- Red (88%)
- Yellow (92%)
- Blue (98%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3304, 84.7056, 103.4354 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.3304, 84.7056, 103.4354 by changing the saturation by 10% instead.

■ 79.3304, 84.7056,
103.4354

■ 79.3304, 84.7056,
103.4354

481.4443,
510.6534, 592.4921

■ 59.4741, 63.5982,
78.5399

131.3794,
139.9618, 167.9632

■ 43.2427, 46.3253,
57.9985

164.3027,
174.8793, 208.4325

■ 30.2709, 32.5026,
41.3927

202.3125,
215.1690, 254.9301

■ 20.1934, 21.7457,
28.3041

245.7739,
261.2152, 307.8746

■ 12.6448, 13.6701,
18.3140

295.0525,
313.4024, 367.6845

■ 7.2597, 7.8916,
11.0039

350.5135,

■ 3.6728, 4.0257,

372.1148, 434.7784

5.9552

412.5223,
437.7371, 509.5747

■ 1.5188, 1.6879,
2.7495

■ 0.3385, 0.4158,
0.9682

■ 79.3304, 84.7056,
103.4354

■ 79.3304, 84.7056,
103.4354

■ 68.7913, 74.4015,
102.0033

■ 91.2420, 96.0443,
104.9975

■ 59.5632, 65.0874,
100.6919

■ 94.4128, 99.7451,
105.5447

■ 51.5908, 56.7311,
99.4991

■ 44.8116, 49.2940,
98.4209

■ 39.1574, 42.7342,
97.4528

■ 34.5524, 37.0060,
96.5898

■ 30.9101, 32.0578,
95.8267

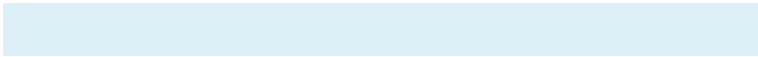
■ 28.1281, 27.8294,
95.1572

■ 26.1032, 24.3460,
94.5915

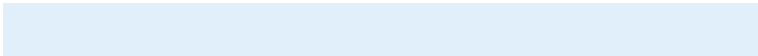
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6363, 84.7056, 100.0809



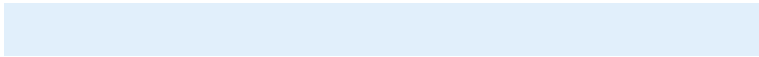
79.3304, 84.7056, 103.4354



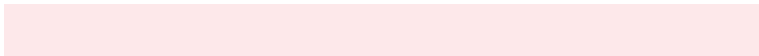
81.3685, 84.7056, 103.7092

Triad

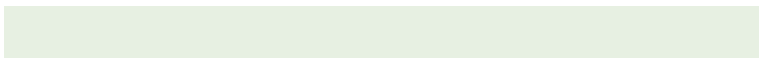
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3304, 84.7056, 103.4354



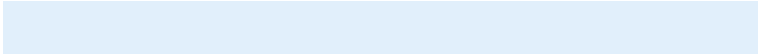
84.4244, 84.7056, 89.8021



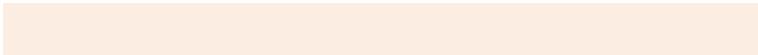
77.8725, 84.7056, 84.1479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.3304, 84.7056, 103.4354



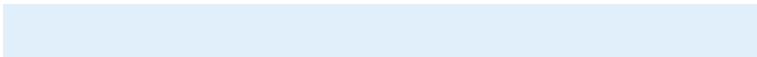
83.6588, 86.5132, 83.5250

Split Complementary

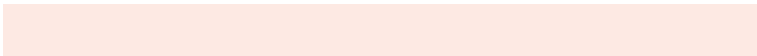
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6578, 84.7056, 81.6308



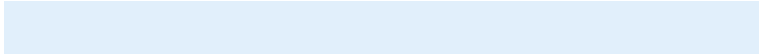
79.3304, 84.7056, 103.4354



83.4540, 84.7056, 84.8008

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



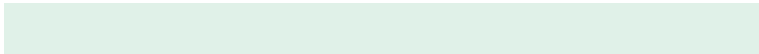
79.3304, 84.7056, 103.4354



84.3331, 84.7056, 95.6671



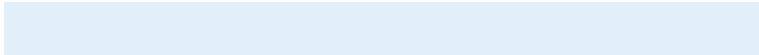
81.7015, 84.7056, 81.8646



76.8044, 84.7056, 88.8762

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3304, 84.7056, 103.4354



82.6502, 84.7056, 102.0922



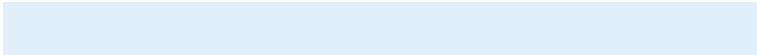
81.7015, 84.7056, 81.8646



78.4073, 84.7056, 83.0243

Sweetspot

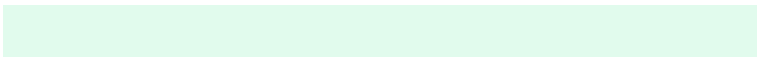
The Sweet Spot groups the original color and five complimentary colors.



79.3329, 84.7092, 103.4373



91.1756, 96.3464, 108.3990



80.7922, 91.1002, 93.2184



19.2985, 20.4167, 23.1736



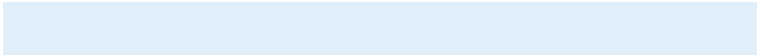
0.0000, 0.0000, 0.0000



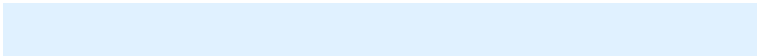
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3329, 84.7092, 103.4373



80.3347, 85.9715, 106.9678



75.7434, 77.5301, 102.2408



17.0575, 18.1917, 21.9976



13.8682, 13.0920, 49.7696



1.3905, 1.4247, 4.6449

Inverse Universe

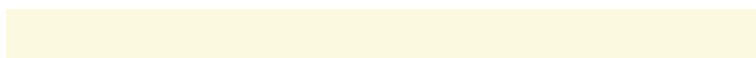
The Inverse Universe completely reimagines the original color for something new.



82.2908, 80.5934, 92.8844



83.8627, 81.1303, 94.3657



87.4680, 94.1318, 84.7948



17.6355, 17.3816, 19.9365



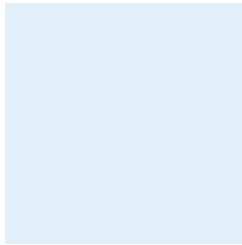
23.2921, 11.7325, 13.5123



2.2108, 1.1081, 1.5334

Previews

White Background



This preview shows how the XYZ color 79.3304, 84.7056, 103.4354 looks on a white background.

Color Contrast Check

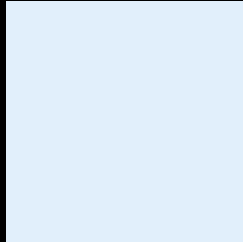
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.3304, 84.7056, 103.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

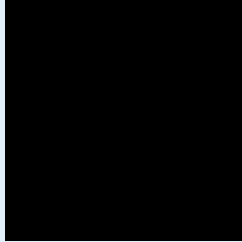
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

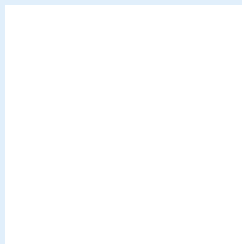
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3304, 84.7056, 103.4354

Background



This preview shows how black text looks on a background with the XYZ color 79.3304, 84.7056, 103.4354.



This preview shows how white text looks on a background with the XYZ color 79.3304, 84.7056,

103.4354.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.3304, 84.7056, 103.4354

Protanopia

82.0671, 84.4334, 101.5944

Deuteranopia

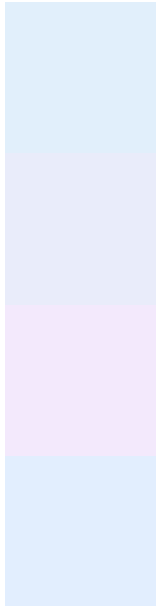
86.5344, 84.5681, 104.6909



Tritanopia

80.3031, 84.7000, 106.7240

Trichromacy



Original Color

79.3304, 84.7056, 103.4354

Protanomaly

80.8550, 84.2167, 102.4364

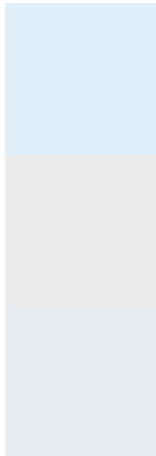
Deuteranomaly

83.6717, 84.3608, 103.9687

Tritanomaly

79.8280, 84.4736, 105.8636

Monochromacy



Original Color

79.3304, 84.7056, 103.4354

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.4401, 84.0751, 95.2603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3304, 84.7056, 103.4354 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(225, 239, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 239, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.3304, 84.7056, 103.4354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 239, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 239, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 239, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(225, 239,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3304, 84.7056, 103.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 239, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
239, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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