

Converting Colors

XYZ(79.2335, 84.6257,
104.3113)

Have a look what the booklet for
XYZ(79.2335, 84.6257, 104.3113)
contains.

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Color

**XYZ(79.1777, 84.6086,
104.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EFFC
RGB	224, 239, 252
RGB Percent	88%, 94%, 99%
CMY	0.1216, 0.0627, 0.0118
CMYK	0.11, 0.05, 0.00, 0.01
HSL	208°, 82%, 93%
HSV	208°, 11%, 99%
XYZ	79.1777, 84.6086, 104.2534
YIQ	235.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

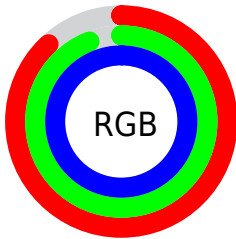
Format	Color
RYB	224, 234, 252
Decimal	14741500
CIELab	93.71, -2.44, -7.96
CIELCh	94, 8.328, 252.937
Yxy	84.6086, 0.2954, 0.3157
Android (android.graphics.Color)	4292931580 (0xFFE0EFFC)
YUV	235.9970, 7.8895, -10.5214
Hunter-Lab	91.9829, -7.3197, -2.8112

Details

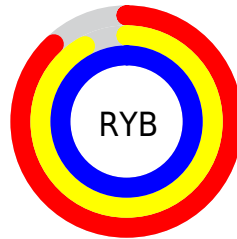
The XYZ color **79.1777, 84.6086, 104.2534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8841, 86.6452, 82.8257**, and the grayscale version is **79.6773, 83.8268, 91.2873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1460, 46.2421, 58.2813** is the 20% darker color. If you saturate the color by 10%, you get **68.6251, 74.2504, 102.8116**, and if you desaturate by 10%, it is **91.1143, 96.0139, 105.8270**.

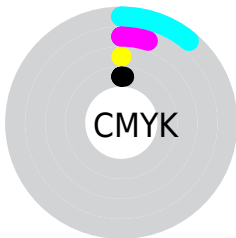
Distribution



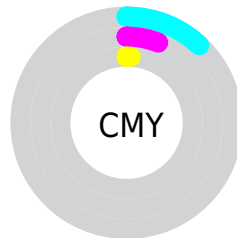
- Red (88%)
- Green (94%)
- Blue (99%)



- Red (88%)
- Yellow (92%)
- Blue (99%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1777, 84.6086, 104.2534 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 79.1777, 84.6086, 104.2534 by changing the saturation by 10% instead.

■ 79.1777, 84.6086,
104.2534

■ 79.1777, 84.6086,
104.2534

480.9361,
510.3320, 595.1078

■ 59.3481, 63.5180,
79.2208

131.1656,
139.8262, 169.0928

■ 43.1408, 46.2604,
58.5550

164.0546,
174.7220, 209.7368

■ 30.1906, 32.4514,
41.8374

202.0274,
214.9884, 256.4216

■ 20.1321, 21.7065,
28.6493

245.4494,
261.0097, 309.5658

■ 12.5999, 13.6414,
18.5724

294.6859,
313.1703, 369.5880

■ 7.2287, 7.8717,
11.1881

350.1023,

■ 3.6532, 4.0129,

371.8546, 436.9068

6.0777

412.0639,
437.4471, 511.9405

■ 1.5078, 1.6808,
2.8228

■ 0.3312, 0.4112,
1.0049

■ 79.1777, 84.6086,
104.2534

■ 79.1777, 84.6086,
104.2534

■ 68.6251, 74.2504,
102.8116

■ 91.1143, 96.0139,
105.8270

■ 59.3943, 64.8942,
101.4922

94.5709, 99.8084,
106.3773

■ 51.4290, 56.5068,
100.2930

■ 44.6656, 49.0489,
99.2100

■ 39.0346, 42.4781,
98.2385

■ 34.4586, 36.7473,
97.3735

■ 30.8495, 31.8037,
96.6095

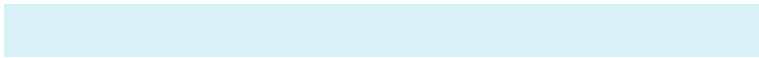
■ 28.1018, 27.5857,
95.9402

■ 26.2393, 24.3651,
95.4167

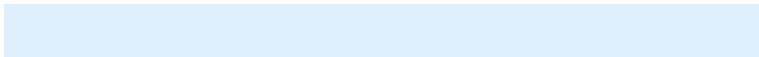
Harmonies

Analogous

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



77.3473, 84.6086, 100.6644



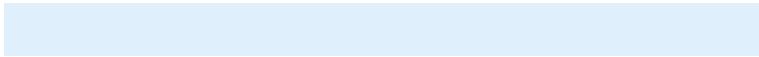
79.1777, 84.6086, 104.2534



81.3729, 84.6086, 104.4998

Triad

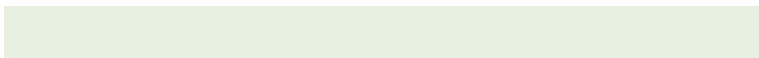
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1777, 84.6086, 104.2534



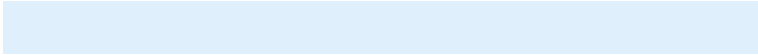
84.6303, 84.6086, 89.4269



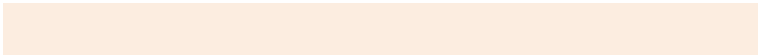
77.5583, 84.6086, 83.5001

Complementary

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



79.1777, 84.6086, 104.2534



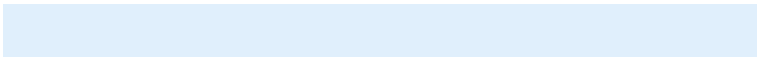
83.8841, 86.6452, 82.8257

Split Complementary

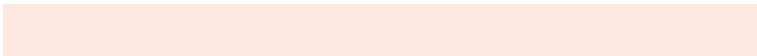
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4705, 84.6086, 80.7667



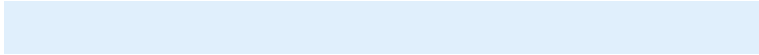
79.1777, 84.6086, 104.2534



83.5687, 84.6086, 84.0816

Square

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



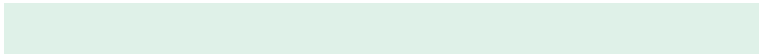
79.1777, 84.6086, 104.2534



84.5484, 84.6086, 95.7411



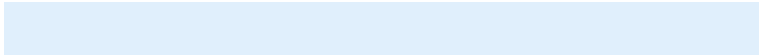
81.6711, 84.6086, 80.9746



76.4242, 84.6086, 88.5999

Rectangle

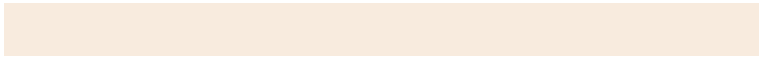
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1777, 84.6086, 104.2534



82.7503, 84.6086, 102.7187



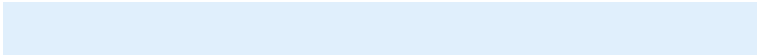
81.6711, 84.6086, 80.9746



78.1299, 84.6086, 82.2848

Sweetspot

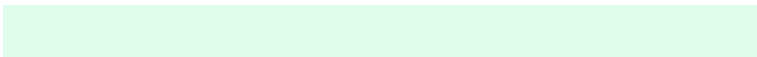
The Sweet Spot groups the original color and five complimentary colors.



79.1802, 84.6121, 104.2553



91.1690, 96.3332, 108.3968



80.7800, 91.5606, 93.2316



19.2967, 20.4131, 23.1730



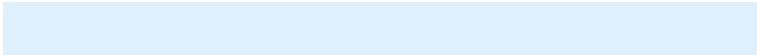
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.1802, 84.6121, 104.2553



79.1745, 84.8184, 106.8064



75.3462, 76.9442, 102.9773



17.0533, 18.1835, 21.9963



13.8173, 12.9903, 49.7527



1.3858, 1.4153, 4.6433

Inverse Universe

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



82.3825, 80.2406, 92.8114



82.9922, 79.6912, 93.1447



87.9732, 94.8234, 84.1887



17.6335, 17.3807, 19.9255



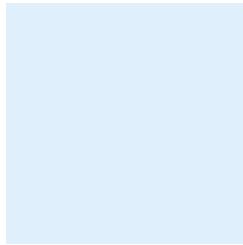
23.2664, 11.7223, 13.3771



2.2084, 1.1071, 1.5210

Previews

White Background



This preview shows how the XYZ color 79.1777, 84.6086, 104.2534 looks on a white background.

Color Contrast Check

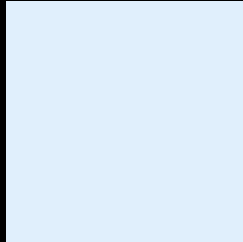
Large Text (above 18pt) WCAG AA × Fail

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 79.1777, 84.6086, 104.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

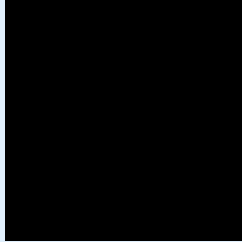
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

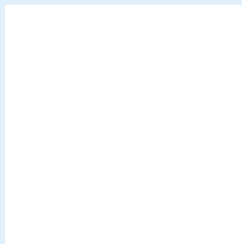
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1777, 84.6086, 104.2534

Background



This preview shows how black text looks on a background with the XYZ color 79.1777, 84.6086, 104.2534.



This preview shows how white text looks on a background with the XYZ color 79.1777, 84.6086,

104.2534.

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

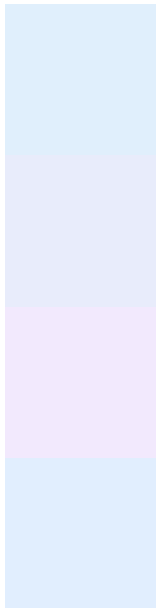




Tritanopia

79.9886, 84.5378, 106.7093

Trichromacy



Original Color

79.1777, 84.6086, 104.2534

Protanomaly

80.6868, 84.1117, 103.2493

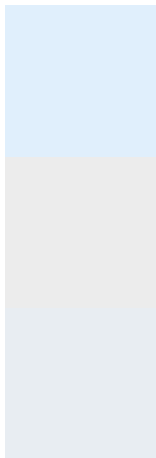
Deuteranomaly

83.4865, 84.2469, 104.7896

Tritanomaly

79.5153, 84.3124, 105.8489

Monochromacy



Original Color

79.1777, 84.6086, 104.2534

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.5899, 84.1350, 96.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1777, 84.6086, 104.2534 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(224, 239, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 239, 252)  
}
```

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(224, 239, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 239, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.1777, 84.6086, 104.2534 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(224, 239, 252) }
```


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

```
.border{ border-color:rgb(224, 239, 252) }
```

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

Here you see how a box with a 4 pixel rgb(224, 239, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 239, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 239, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 239,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1777, 84.6086, 104.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 239, 252) }
```

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

```
.background{ background-color: rgb(224,  
239, 252) }
```

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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