

Converting Colors

XYZ(78.5904, 83.4875,
104.4485)

Have a look what the booklet for
XYZ(78.5904, 83.4875, 104.4485)
contains.

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Color

**XYZ(78.5953, 83.4439,
104.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDFC
RGB	224, 237, 252
RGB Percent	88%, 93%, 99%
CMY	0.1216, 0.0706, 0.0118
CMYK	0.11, 0.06, 0.00, 0.01
HSL	212°, 82%, 93%
HSV	212°, 11%, 99%
XYZ	78.5953, 83.4439, 104.0593
YIQ	234.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

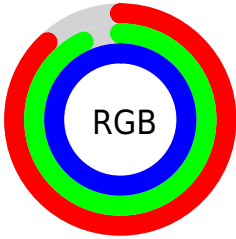
Format	Color
RYB	224, 233, 252
Decimal	14740988
CIELab	93.21, -1.42, -8.71
CIELCh	93, 8.826, 260.742
Yxy	83.4439, 0.2954, 0.3136
Android (android.graphics.Color)	4292931068 (0xFFE0EDFC)
YUV	234.8230, 8.4683, -9.4918
Hunter-Lab	91.3476, -6.2774, -3.5973

Details

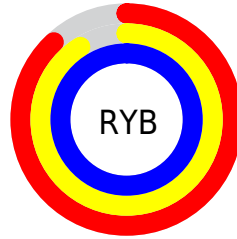
The XYZ color **78.5953, 83.4439, 104.0593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4663, 87.8098, 83.0196**, and the grayscale version is **78.7775, 82.8801, 90.2564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7364, 45.4229, 58.1448** is the 20% darker color. If you saturate the color by 10%, you get **67.5953, 72.1907, 102.4683**, and if you desaturate by 10%, it is **91.0519, 95.8891, 105.8062**.

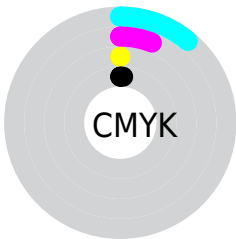
Distribution



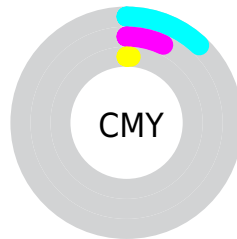
- Red (88%)
- Green (93%)
- Blue (99%)



- Red (88%)
- Yellow (91%)
- Blue (99%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5953, 83.4439, 104.0593 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 78.5953, 83.4439, 104.0593 by changing the saturation by 10% instead.

■ 78.5953, 83.4439,
104.0593

■ 78.5953, 83.4439,
104.0593

478.9951,
506.4647, 594.4877

■ 58.8676, 62.5564,
79.0592

130.3499,
138.1970, 168.8248

■ 42.7525, 45.4824,
58.4229

163.1075,
172.8314, 209.4274

■ 29.8847, 31.8376,
41.7318

200.9392,
212.8169, 256.0679

■ 19.8987, 21.2375,
28.5673

244.2102,
258.5379, 309.1648

■ 12.4293, 13.2977,
18.5110

293.2859,
310.3788, 369.1367

■ 7.1110, 7.6339,
11.1443

348.5318,

■ 3.5786, 3.8616,

368.7240, 436.4021

6.0486

410.3131,
433.9578, 511.3796

■ 1.4666, 1.5964,
2.8054

■ 0.3029, 0.3552,
0.9961

■ 78.5953, 83.4439,
104.0593

■ 78.5953, 83.4439,
104.0593

■ 67.5953, 72.1907,
102.4683

■ 91.0519, 95.8891,
105.8062

■ 57.9872, 62.0800,
101.0231

94.5709, 99.8084,
106.3773

■ 49.7125, 53.0740,
99.7209

■ 42.7052, 45.1282,
98.5566

■ 36.8930, 38.1949,
97.5246

■ 32.1959, 32.2217,
96.6192

■ 28.5226, 27.1500,
95.8339

■ 25.7648, 22.9116,
95.1612

■ 23.9358, 19.7582,
94.6489

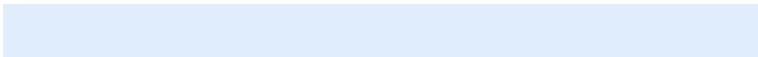
Harmonies

Analogous

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



76.5210, 83.4439, 101.1129



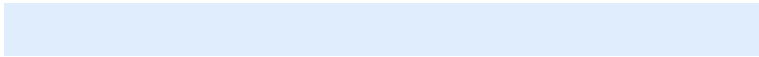
78.5953, 83.4439, 104.0593



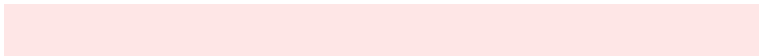
80.9015, 83.4439, 103.3367

Triad

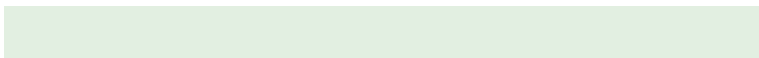
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5953, 83.4439, 104.0593



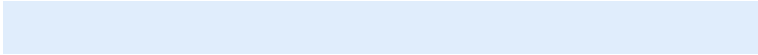
83.5568, 83.4439, 86.4059



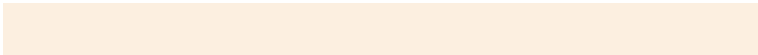
75.9064, 83.4439, 83.0081

Complementary

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



78.5953, 83.4439, 104.0593



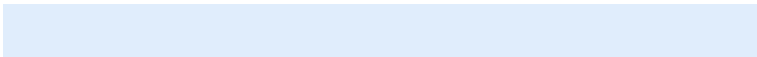
84.4663, 87.8098, 83.0196

Split Complementary

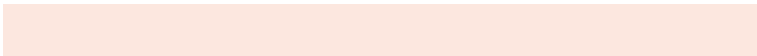
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7414, 83.4439, 79.4234



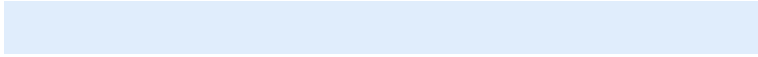
78.5953, 83.4439, 104.0593



82.1678, 83.4439, 81.3177

Square

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



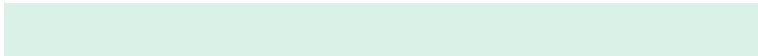
78.5953, 83.4439, 104.0593



83.7962, 83.4439, 92.9275



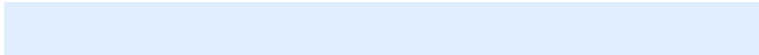
80.0309, 83.4439, 78.8200



74.9886, 83.4439, 88.8160

Rectangle

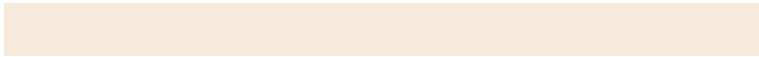
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5953, 83.4439, 104.0593



82.2584, 83.4439, 100.8848



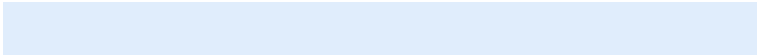
80.0309, 83.4439, 78.8200



76.4347, 83.4439, 81.5153

Sweetspot

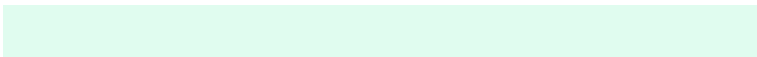
The Sweet Spot groups the original color and five complimentary colors.



78.5977, 83.4474, 104.0612



90.9981, 95.9914, 108.3398



81.1224, 91.6976, 95.0349



19.2506, 20.3209, 23.1577



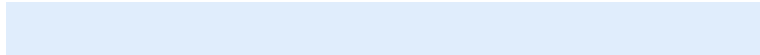
0.0000, 0.0000, 0.0000



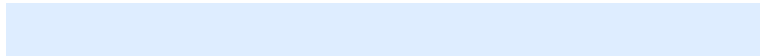
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5977, 83.4474, 104.0612



78.4835, 83.4363, 106.5760



75.2584, 76.3380, 102.8649



16.9474, 17.9717, 21.9610



12.6125, 10.5805, 49.3510



1.2730, 1.1897, 4.6057

Inverse Universe

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



82.0885, 80.1229, 91.2635



82.6434, 79.5517, 91.3078



88.0740, 95.5256, 84.3188



17.5800, 17.3594, 19.6441



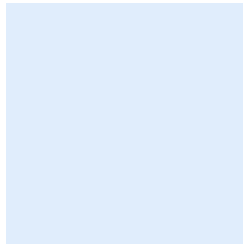
22.6582, 11.4790, 10.1746



2.1515, 1.0843, 1.2211

Previews

White Background



This preview shows how the XYZ color 78.5953, 83.4439, 104.0593 looks on a white background.

Color Contrast Check

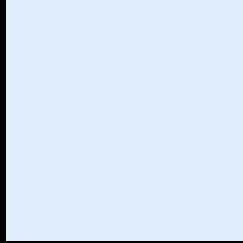
Large Text (above 18pt) WCAG AA × Fail

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 78.5953, 83.4439, 104.0593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

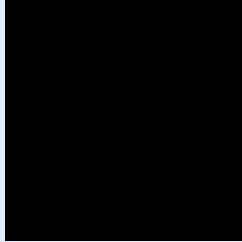
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

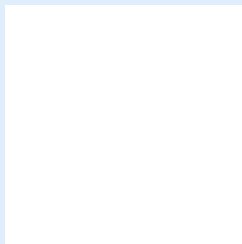
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5953, 83.4439, 104.0593

Background



This preview shows how black text looks on a background with the XYZ color 78.5953, 83.4439, 104.0593.



This preview shows how white text looks on a background with the XYZ color 78.5953, 83.4439,

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

78.5953, 83.4439, 104.0593

Protanopia

80.9391, 83.4099, 102.2763

Deuteranopia

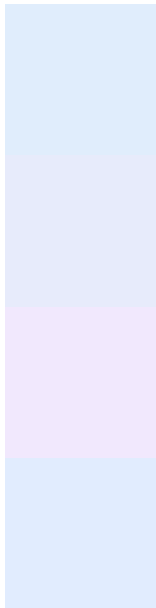
85.3330, 83.5184, 105.3891



Tritanopia

79.0968, 83.2185, 106.5017

Trichromacy



Original Color

78.5953, 83.4439, 104.0593

Protanomaly

80.0759, 83.3706, 103.1385

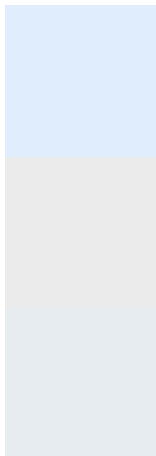
Deuteranomaly

82.8619, 83.5058, 104.6795

Tritanomaly

78.9362, 83.1542, 105.6559

Monochromacy



Original Color

78.5953, 83.4439, 104.0593

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.8276, 83.3307, 95.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5953, 83.4439, 104.0593 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, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 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, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 252) }
```

Border

The CSS property to change the border of an element to XYZ 78.5953, 83.4439, 104.0593 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, 237, 252) }
```


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

```
.border{ border-color:rgb(224, 237, 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, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5953, 83.4439, 104.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 252) }
```

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

```
.background{ background-color: rgb(224,  
237, 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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