

Converting Colors

XYZ(40.0610, 51.8919, 77.3313)

Have a look what the booklet for
XYZ(40.0610, 51.8919, 77.3313)
contains.

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Color

**XYZ(39.9754, 51.8494,
77.0083)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5FCEDE |
| RGB | 95, 206, 222 |
| RGB Percent | 37%, 81%, 87% |
| CMY | 0.6274, 0.1921, 0.1294 |
| CMYK | 0.57, 0.07, 0.00, 0.13 |
| HSL | 188°, 66%, 62% |
| HSV | 188°, 57%, 87% |
| XYZ | 39.9754, 51.8494, 77.0083 |
| YIQ | 174.6350, -71.2920, -18.5560 |

Conversions

Conversions Part 2

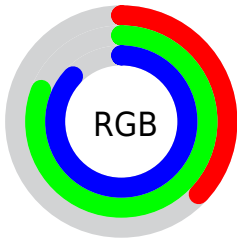
| Format | Color |
|-------------------------------------|---|
| RYB | 95, 154, 222 |
| Decimal | 6278878 |
| CIELab | 77.19, -27.07, -17.52 |
| CIELCh | 77, 32.241, 212.913 |
| Yxy | 51.8494, 0.2368, 0.3071 |
| Android (android.graphics.Color) | 4284468958 (0xFF5FCEDE) |
| YUV | 174.6350, 23.3509, -69.8399 |
| Hunter-Lab | 72.0065, -26.9147, -13.0039 |

Details

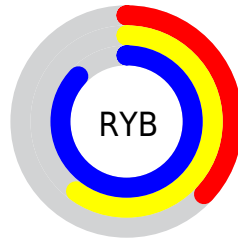
The XYZ color **39.9754, 51.8494, 77.0083** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **37.8754, 27.7260, 14.1833**, and the grayscale version is **40.4702, 42.5778, 46.3672**.

A 20% lighter version of the original color is **67.5203, 85.8079, 107.6116**, and **18.1933, 25.0014, 40.4261** is the 20% darker color. If you saturate the color by 10%, you get **37.3227, 49.4924, 76.6941**, and if you desaturate by 10%, it is **43.3002, 54.5730, 77.3597**.

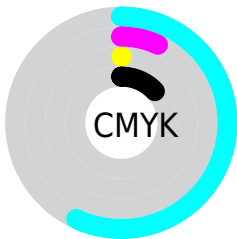
Distribution



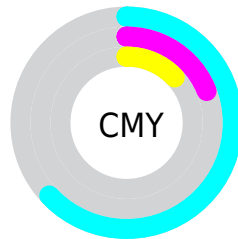
- Red (37%)
- Green (81%)
- Blue (87%)



- Red (37%)
- Yellow (60%)
- Blue (87%)



- Cyan (57%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9754, 51.8494, 77.0083 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 39.9754, 51.8494, 77.0083 by changing the saturation by 10% instead.

39.9754, 51.8494,
77.0083

39.9754, 51.8494,
77.0083

337.1561,
393.8549, 504.2307

27.7035, 36.8850,
56.7481

74.4106, 92.9091,
130.9243

18.2416, 25.1185,
40.3950

97.3047, 119.7732,
165.4172

11.2243, 16.1654,
27.5305

124.4701,
151.3728, 205.4914

6.2863, 9.6412,
17.7361

156.2723,
188.0921, 251.5654

3.0623, 5.1617,
10.5932

193.0767,
230.3155, 304.0578

1.1868, 2.3425,
5.6833

235.2485,

0.0959, 0.7961,

278.4276, 363.3871

2.5878

283.1532,
332.8126, 429.9719

■ 0.0000, 0.0000,
0.8862

■ 0.0000, 0.0000,
0.0000

■ 39.9754, 51.8494,
77.0083

■ 39.9754, 51.8494,
77.0083

■ 37.3227, 49.4924,
76.6941

■ 43.3002, 54.5730,
77.3597

■ 35.2798, 47.4663,
76.4107

■ 47.3432, 57.6835,
77.7470

■ 33.7808, 45.7382,
76.1562

■ 52.1517, 61.2066,
78.1736

■ 32.7367, 44.2621,
75.9263

■ 57.7677, 65.1641,
78.6415

■ 32.4845, 43.8731,
75.8645

■ 64.2301, 69.5761,
79.1525

■ 71.5753, 74.4614,
79.7083

■ 79.8376, 79.8377,
80.3106

■ 82.2721, 82.2282,
80.6437

■ 83.0494, 83.7828,
80.9028

Harmonies

Analogous

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



38.3545, 51.8494, 58.1999



39.9754, 51.8494, 77.0083



44.0729, 51.8494, 92.4405

Triad

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



39.9754, 51.8494, 77.0083



60.6194, 51.8494, 73.3873



48.6807, 51.8494, 28.8613

Complementary

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



39.9754, 51.8494, 77.0083



37.8754, 27.7260, 14.1833

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.



54.8846, 51.8494, 31.2811



39.9754, 51.8494, 77.0083



62.1081, 51.8494, 54.7456

Square

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



39.9754, 51.8494, 77.0083



56.0146, 51.8494, 90.0619



59.9297, 51.8494, 39.9290



43.1105, 51.8494, 32.4608

Rectangle

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



39.9754, 51.8494, 77.0083



47.8317, 51.8494, 97.3426



59.9297, 51.8494, 39.9290



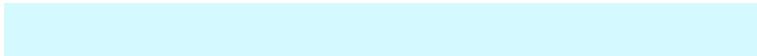
50.7599, 51.8494, 28.9994

Sweetspot

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



39.9770, 51.8514, 77.0095



79.1431, 89.2501, 107.6635



33.6464, 55.7984, 23.6980



16.5867, 18.8577, 23.0156



0.0000, 0.0000, 0.0000



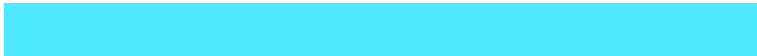
20.3446, 21.4041, 23.3091

Same Dimension

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



39.9770, 51.8514, 77.0095



50.3707, 67.0687, 104.8985



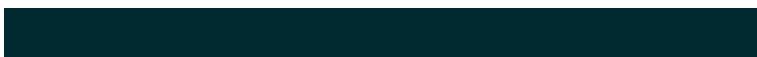
27.8309, 27.5592, 72.9608



13.9615, 15.2622, 17.5977



19.3516, 26.1728, 45.0803



1.3831, 1.8978, 3.1386

Inverse Universe

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



45.3583, 28.1717, 61.4416



58.7240, 32.7329, 80.1900



47.1954, 46.3661, 17.2900



14.2168, 13.9044, 16.9119



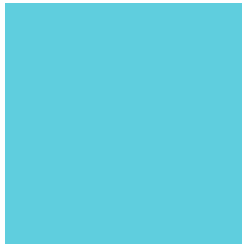
23.7080, 11.5502, 31.4578



1.6644, 0.8090, 2.2916

Previews

White Background



This preview shows how the XYZ color 39.9754, 51.8494, 77.0083 looks on a white background.

Color Contrast Check

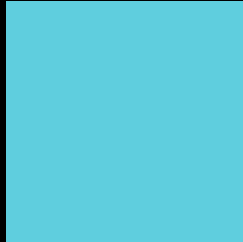
Large Text (above 18pt) WCAG AA × Fail

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 39.9754, 51.8494, 77.0083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

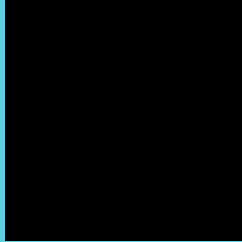
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9754, 51.8494, 77.0083

Background



This preview shows how black text looks on a background with the XYZ color 39.9754, 51.8494, 77.0083.



This preview shows how white text looks on a background with the XYZ color 39.9754, 51.8494,

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

39.9754, 51.8494, 77.0083

Protanopia

50.1096, 51.1844, 68.2113

Deuteranopia

52.4493, 51.1911, 79.7895



Tritanopia

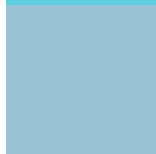
40.1099, 51.9032, 77.7163

Trichromacy



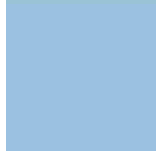
Original Color

39.9754, 51.8494, 77.0083



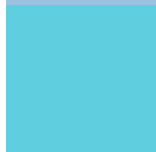
Protanomaly

44.9791, 50.7553, 71.0444



Deuteranomaly

46.1781, 50.5447, 78.5564



Tritanomaly

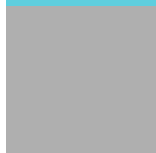
40.1099, 51.9032, 77.7163

Monochromacy



Original Color

39.9754, 51.8494, 77.0083



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.9274, 45.0346, 56.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9754, 51.8494, 77.0083 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(95, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(95, 206, 222)  
}
```

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(95, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 206, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.9754, 51.8494, 77.0083 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(95, 206, 222) }
```


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

```
.border{ border-color:rgb(95, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(95, 206,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9754, 51.8494, 77.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 206, 222) }
```

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

```
.background{ background-color: rgb(95, 206,  
222) }
```

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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