

Converting Colors

XYZ(39.3892, 54.5882, 66.0534)

Have a look what the booklet for
XYZ(39.3892, 54.5882, 66.0534)
contains.

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Color

**XYZ(39.4796, 54.7762,
66.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD6CD
RGB	92, 214, 205
RGB Percent	36%, 84%, 80%
CMY	0.6392, 0.1608, 0.1961
CMYK	0.57, 0.00, 0.04, 0.16
HSL	176°, 60%, 60%
HSV	176°, 57%, 84%
XYZ	39.4796, 54.7762, 66.2497
YIQ	176.4960, -69.8230, -28.6630

Conversions

Conversions Part 2

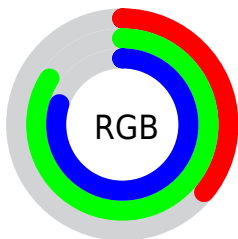
Format	Color
RYB	92, 155, 214
Decimal	6084301
CIELab	78.91, -36.04, -5.83
CIELCh	79, 36.511, 189.193
Yxy	54.7762, 0.2460, 0.3413
Android (android.graphics.Color)	4284274381 (0xFF5CD6CD)
YUV	176.4960, 14.0525, -74.1030
Hunter-Lab	74.0109, -34.3020, -1.2648

Details

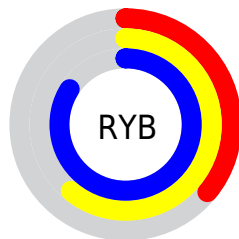
The XYZ color **39.4796, 54.7762, 66.2497** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.9094, 22.8915, 14.9450**, and the grayscale version is **41.4823, 43.6426, 47.5268**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **18.0091, 27.0435, 33.5489** is the 20% darker color. If you saturate the color by 10%, you get **37.4470, 53.7516, 65.1657**, and if you desaturate by 10%, it is **42.1210, 56.1171, 67.3747**.

Distribution



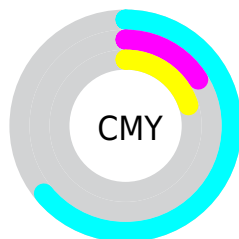
- Red (36%)
- Green (84%)
- Blue (80%)



- Red (36%)
- Yellow (61%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)





- Cyan (64%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4796, 54.7762, 66.2497 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 39.4796, 54.7762, 66.2497 by changing the saturation by 10% instead.


 39.4796, 54.7762,
66.2497


 39.4796, 54.7762,
66.2497


335.0974,
405.0630, 465.6979


 27.3154, 39.2226,
48.0174


 73.6598, 97.2130,
115.4751

 17.9481, 26.9329,
33.4806


 96.4065, 124.8649,
147.3052

 11.0122, 17.5228,
22.2207

 123.4115,
157.3184, 184.5050

 6.1424, 10.6080,
13.8193

 155.0401,
194.9578, 227.4930

 2.9733, 5.8039,
7.8578

191.6576,
238.1676, 276.6877

 1.1397, 2.7262,
3.9176

233.6294,

 0.0579, 0.9905,

287.3322, 332.5078

1.5803

281.3209,
342.8358, 395.3717

■ 0.0000, 0.0000,
0.2767

■ 0.0000, 0.0000,
0.0000

■ 39.4796, 54.7762,
66.2497

■ 39.4796, 54.7762,
66.2497

■ 37.4470, 53.7516,
65.1657

■ 42.1210, 56.1171,
67.3747

■ 35.9661, 53.0098,
64.1163

■ 45.4127, 57.7916,
68.5390

■ 34.9772, 52.5215,
63.0999

■ 49.3980, 59.8235,
69.7458

■ 34.3999, 52.2451,
62.1127

■ 54.1151, 62.2325,
70.9970

■ 34.2651, 52.1819,
61.8210

■ 59.5996, 65.0368,
72.2943

■ 65.8845, 68.2535,
73.6393

■ 73.0011, 71.8988,
75.0333

■ 77.8945, 74.3977,
76.3336

■ 78.1017, 74.4806,
77.4249

Harmonies

Analogous

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



40.0898, 54.7762, 46.5553



39.4796, 54.7762, 66.2497



41.9899, 54.7762, 88.5934

Triad

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



39.4796, 54.7762, 66.2497



61.3779, 54.7762, 96.2400



57.1733, 54.7762, 29.5666

Complementary

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



39.4796, 54.7762, 66.2497



33.9094, 22.8915, 14.9450

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.



63.6308, 54.7762, 37.8043



39.4796, 54.7762, 66.2497



66.2105, 54.7762, 74.9764

Square

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



39.4796, 54.7762, 66.2497



54.3219, 54.7762, 108.3670



67.0712, 54.7762, 53.4889



49.8678, 54.7762, 28.2762

Rectangle

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



39.4796, 54.7762, 66.2497



45.2455, 54.7762, 100.9203



67.0712, 54.7762, 53.4889



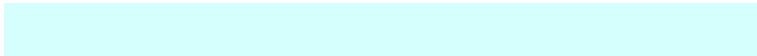
59.5334, 54.7762, 31.5050

Sweetspot

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



39.4812, 54.7783, 66.2510



80.3498, 92.4808, 105.5462



31.4784, 51.7025, 18.4469



16.8749, 19.6295, 22.5093



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.



39.4812, 54.7783, 66.2510



55.2629, 79.7191, 96.6408



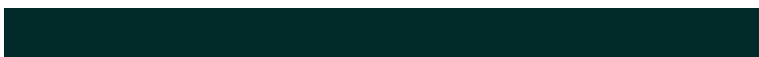
29.6797, 33.3859, 68.5005



12.7508, 14.0913, 15.7681



20.7271, 31.5462, 37.4543



1.2622, 1.9075, 2.3227

Inverse Universe

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



33.9094, 22.8915, 14.9450



46.2654, 28.0497, 13.6584



39.4627, 34.6657, 14.7376



12.4601, 12.4355, 13.0970



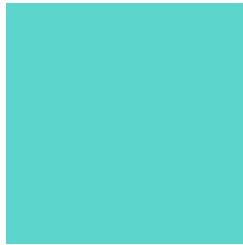
16.8321, 8.6691, 1.1538



1.0285, 0.5282, 0.1396

Previews

White Background



This preview shows how the XYZ color 39.4796, 54.7762, 66.2497 looks on a white background.

Color Contrast Check

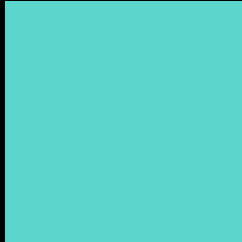
Large Text (above 18pt) WCAG AA × Fail

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 39.4796, 54.7762, 66.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

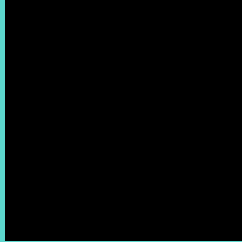
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

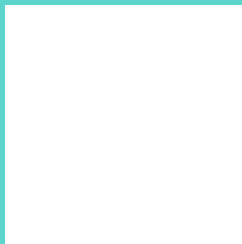
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4796, 54.7762, 66.2497

Background



This preview shows how black text looks on a background with the XYZ color 39.4796, 54.7762, 66.2497.

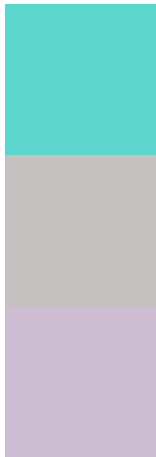


This preview shows how white text looks on a background with the XYZ color 39.4796, 54.7762,

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

39.4796, 54.7762, 66.2497

Protanopia

51.9843, 53.9960, 58.1345

Deuteranopia

55.0073, 54.0275, 68.5019



Tritanopia

42.6647, 54.9567, 81.7578

Trichromacy



Original Color

39.4796, 54.7762, 66.2497



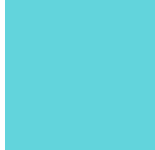
Protanomaly

45.2628, 53.1754, 60.7016



Deuteranomaly

46.8891, 52.8347, 67.4013



Tritanomaly

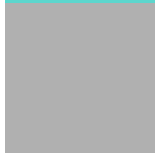
41.4988, 54.8509, 76.1102

Monochromacy



Original Color

39.4796, 54.7762, 66.2497



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.0602, 46.4345, 53.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4796, 54.7762, 66.2497 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(92, 214, 205)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 205)  
}
```

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(92, 214, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 205) }
```

Border

The CSS property to change the border of an element to XYZ 39.4796, 54.7762, 66.2497 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(92, 214, 205) }
```


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

```
.border{ border-color:rgb(92, 214, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 214, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 214, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 214, 205);  
box-shadow:4px 4px 4px 4px rgb(92, 214,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4796, 54.7762, 66.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 205) }
```

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

```
.background{ background-color: rgb(92, 214,  
205) }
```

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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