

Converting Colors

XYZ(38.6224, 52.5285, 65.5179)

Have a look what the booklet for
XYZ(38.6224, 52.5285, 65.5179)
contains.

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Color

**XYZ(38.5234, 52.4474,
65.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	60D1CC
RGB	96, 209, 204
RGB Percent	38%, 82%, 80%
CMY	0.6235, 0.1804, 0.2000
CMYK	0.54, 0.00, 0.02, 0.18
HSL	177°, 55%, 60%
HSV	177°, 54%, 82%
XYZ	38.5234, 52.4474, 65.2197
YIQ	174.6430, -65.7430, -25.5110

Conversions

Conversions Part 2

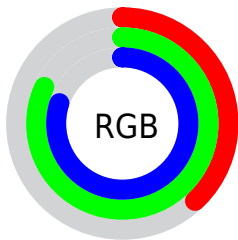
Format	Color
RYB	96, 154, 209
Decimal	6345164
CIELab	77.55, -33.20, -7.30
CIElCh	78, 33.990, 192.407
Yxy	52.4474, 0.2466, 0.3358
Android (android.graphics.Color)	4284535244 (0xFF60D1CC)
YUV	174.6430, 14.4730, -68.9699
Hunter-Lab	72.4206, -31.7847, -2.7003

Details

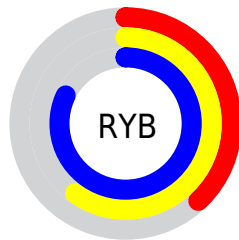
The XYZ color **38.5234, 52.4474, 65.2197** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.8281, 22.8621, 14.9962**, and the grayscale version is **40.5165, 42.6265, 46.4203**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **17.3915, 25.4838, 32.8564** is the 20% darker color. If you saturate the color by 10%, you get **36.4997, 51.4182, 64.5485**, and if you desaturate by 10%, it is **41.1353, 53.7822, 65.9242**.

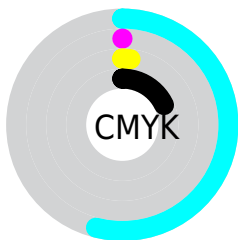
Distribution



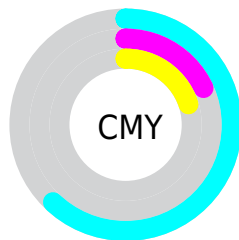
- Red (38%)
- Green (82%)
- Blue (80%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (62%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5234, 52.4474, 65.2197 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 38.5234, 52.4474, 65.2197 by changing the saturation by 10% instead.


 38.5234, 52.4474,
65.2197


 38.5234, 52.4474,
65.2197


331.1021,
396.1614, 461.9089


 26.5682, 37.3618,
47.1868


 72.2084, 93.7907,
113.9820


 17.3841, 25.4878,
32.8279


 94.6689, 120.8173,
145.5484

 10.6057, 16.4408,
21.7246


 121.3620,
152.5929, 182.4630

 5.8677, 9.8366,
13.4583

 152.6529,
189.5020, 225.1445

 2.8047, 5.2908,
7.6105

188.9070,
231.9290, 274.0112

 1.0513, 2.4189,
3.7625

230.4896,

 0.0000, 0.8356,

280.2583, 329.4819

1.4960

277.7662,
334.8743, 391.9749

■ 0.0000, 0.0000,
0.2149

■ 0.0000, 0.0000,
0.0000

■ 38.5234, 52.4474,
65.2197

■ 38.5234, 52.4474,
65.2197

■ 36.4997, 51.4182,
64.5485

■ 41.1353, 53.7822,
65.9242

■ 35.0122, 50.6640,
63.9048


■ 44.3730, 55.4384,
66.6602


■ 34.0075, 50.1587,
63.2870


■ 48.2763, 57.4376,
67.4308


■ 33.4192, 49.8680,
62.6921


■ 52.8807, 59.7982,
68.2377

 33.1977, 49.7612,
62.3467

 58.2188, 62.5369,
69.0824

 64.3213, 65.6696,
69.9663

 71.2173, 69.2113,
70.8909

 75.8498, 71.5861,
71.7130

 75.9665, 71.6327,
72.3273

Harmonies

Analogous

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



38.7726, 52.4474, 46.8739



38.5234, 52.4474, 65.2197



41.1087, 52.4474, 85.0787

Triad

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



38.5234, 52.4474, 65.2197



58.8438, 52.4474, 88.1281



53.7580, 52.4474, 29.1416

Complementary

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



38.5234, 52.4474, 65.2197



32.8281, 22.8621, 14.9962

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.



59.7494, 52.4474, 36.0546



38.5234, 52.4474, 65.2197



62.8580, 52.4474, 68.7290

Square

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



38.5234, 52.4474, 65.2197



52.6075, 52.4474, 100.1225



63.2032, 52.4474, 49.6953



47.1900, 52.4474, 28.6049

Rectangle

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



38.5234, 52.4474, 65.2197



44.2355, 52.4474, 95.4520



63.2032, 52.4474, 49.6953



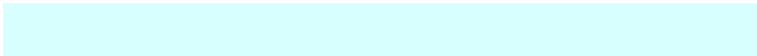
55.9199, 52.4474, 30.7130

Sweetspot

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



38.5250, 52.4494, 65.2209



81.3105, 92.9505, 106.7463



30.3533, 49.2519, 18.9742



17.0728, 19.7255, 22.7912



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.



38.5250, 52.4494, 65.2209



56.7949, 80.4126, 101.0607



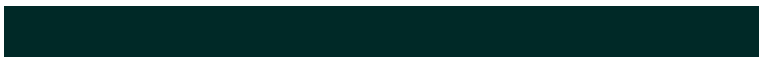
28.5866, 31.5970, 64.9161



12.1348, 13.3977, 15.0664



20.4779, 30.6841, 38.4922



1.1521, 1.7185, 2.1899

Inverse Universe

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



32.8281, 22.8621, 14.9962



46.9717, 29.3018, 14.3887



38.8181, 35.2225, 15.8201



11.8296, 11.8166, 12.3787



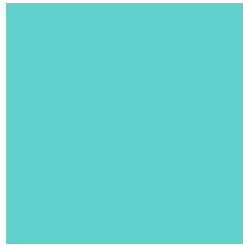
16.2532, 8.3741, 0.9737



0.9164, 0.4713, 0.0945

Previews

White Background



This preview shows how the XYZ color 38.5234, 52.4474, 65.2197 looks on a white background.

Color Contrast Check

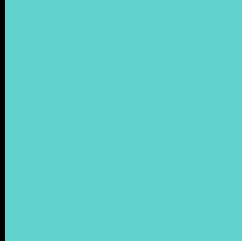
Large Text (above 18pt) WCAG AA × Fail

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 38.5234, 52.4474, 65.2197 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

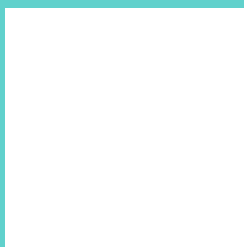
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5234, 52.4474, 65.2197

Background



This preview shows how black text looks on a background with the XYZ color 38.5234, 52.4474, 65.2197.

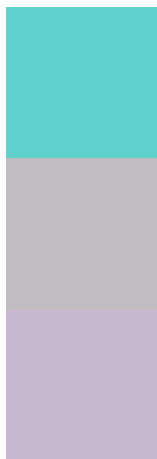


This preview shows how white text looks on a background with the XYZ color 38.5234, 52.4474,

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

38.5234, 52.4474, 65.2197

Protanopia

49.7043, 51.5384, 57.1974

Deuteranopia

52.6770, 51.5807, 67.5013



Tritanopia

40.9841, 52.3539, 77.7573

Trichromacy



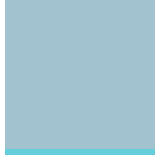
Original Color

38.5234, 52.4474, 65.2197



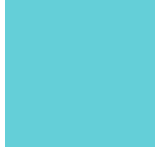
Protanomaly

43.8043, 50.7345, 59.7086



Deuteranomaly

45.4546, 50.7699, 66.4354



Tritanomaly

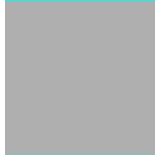
39.9630, 52.2928, 72.9530

Monochromacy



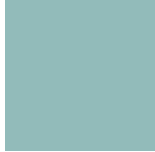
Original Color

38.5234, 52.4474, 65.2197



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

38.4873, 45.1968, 53.1497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5234, 52.4474, 65.2197 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(96, 209, 204) looks like.

```
.text, #text, p{  
    color:rgb(96, 209, 204)  
}
```

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(96, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.5234, 52.4474, 65.2197 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(96, 209, 204) }
```


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

```
.border{ border-color:rgb(96, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(96, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5234, 52.4474, 65.2197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 209, 204) }
```

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

```
.background{ background-color: rgb(96, 209,  
204) }
```

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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