

Converting Colors

XYZ(38.5909, 54.6164, 52.8433)

Have a look what the booklet for
XYZ(38.5909, 54.6164, 52.8433)
contains.

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Color

**XYZ(38.5535, 54.5963,
52.7621)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD6B6
RGB	107, 214, 182
RGB Percent	42%, 84%, 71%
CMY	0.5804, 0.1608, 0.2863
CMYK	0.50, 0.00, 0.15, 0.16
HSL	162°, 57%, 63%
HSV	162°, 50%, 84%
XYZ	38.5535, 54.5963, 52.7621
YIQ	178.3590, -53.5000, -32.6360

Conversions

Conversions Part 2

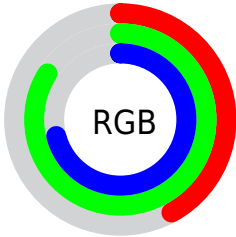
Format	Color
RYB	107, 170, 214
Decimal	7067318
CIELab	78.81, -38.53, 6.37
CIELCh	79, 39.057, 170.611
Yxy	54.5963, 0.2642, 0.3742
Android (android.graphics.Color)	4285257398 (0xFF6BD6B6)
YUV	178.3590, 1.7950, -62.5818
Hunter-Lab	73.8893, -36.1697, 9.3853

Details

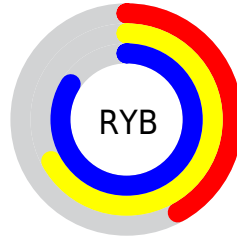
The XYZ color **38.5535, 54.5963, 52.7621** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **37.6513, 26.6771, 27.5931**, and the grayscale version is **42.5195, 44.7338, 48.7151**.

A 20% lighter version of the original color is **66.7097, 85.6924, 93.9132**, and **17.4428, 26.9391, 25.0493** is the 20% darker color. If you saturate the color by 10%, you get **35.6459, 53.1735, 49.2525**, and if you desaturate by 10%, it is **42.1310, 56.3638, 56.4633**.

Distribution



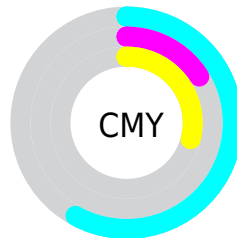
- Red (42%)
- Green (84%)
- Blue (71%)



- Red (42%)
- Yellow (67%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)





- Cyan (58%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5535, 54.5963, 52.7621 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 38.5535, 54.5963, 52.7621 by changing the saturation by 10% instead.


 38.5535, 54.5963,
52.7621


 38.5535, 54.5963,
52.7621


331.2284,
404.3798, 414.4121


 26.5917, 39.0786,
37.2265


 72.2542, 96.9492,
95.6922

 17.4018, 26.8209,
25.0857


 94.7238, 124.5532,
123.9238

 10.6185, 17.4387,
15.9213


 121.4267,
156.9548, 157.2244

 5.8763, 10.5478,
9.3147

152.7282,
194.5383, 196.0126

 2.8100, 5.7636,
4.8474

188.9938,
237.6882, 240.7069

 1.0541, 2.7019,
2.1009

230.5888,

 0.0000, 0.9782,

286.7888, 291.7259

0.6163

277.8786,
342.2245, 349.4881

■ 0.0000, 0.0000,
0.0000

■ 38.5535, 54.5963,
52.7621

■ 38.5535, 54.5963,
52.7621

■ 35.6459, 53.1735,
49.2525

■ 42.1310, 56.3638,
56.4633

■ 33.3554, 52.0639,
45.9263

■ 46.4173, 58.4917,
60.3564

■ 31.6285, 51.2415,
42.7801


■ 51.4533, 61.0025,
64.4465


■ 30.4000, 50.6727,
39.8087


■ 57.2758, 63.9152,
68.7373


■ 29.5525, 50.2970,
37.0045


■ 63.9188, 67.2472,
73.2323

 29.5524, 50.2969,
37.0042

 71.4146, 71.0151,
77.9349

 79.1257, 74.8903,
82.8171

 80.0249, 75.2499,
87.5519

 80.9572, 75.6229,
92.4615

Harmonies

Analogous

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



41.2216, 54.5963, 36.2985



38.5535, 54.5963, 52.7621



39.1745, 54.5963, 75.7432

Triad

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



38.5535, 54.5963, 52.7621



57.3079, 54.5963, 108.9145



61.9181, 54.5963, 32.2208

Complementary

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



38.5535, 54.5963, 52.7621



37.6513, 26.6771, 27.5931

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.



67.1014, 54.5963, 45.6723



38.5535, 54.5963, 52.7621



64.2615, 54.5963, 90.7936

Square

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



38.5535, 54.5963, 52.7621



49.5026, 54.5963, 112.1756



67.9991, 54.5963, 66.6720



54.3574, 54.5963, 26.5373

Rectangle

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



38.5535, 54.5963, 52.7621



41.3968, 54.5963, 91.7201



67.9991, 54.5963, 66.6720



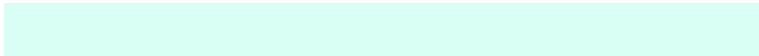
64.0265, 54.5963, 35.7997

Sweetspot

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



38.5550, 54.5985, 52.7634



80.5634, 92.7384, 98.8923



37.3663, 54.6545, 22.4909



16.8560, 19.6559, 20.8779



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.



38.5550, 54.5985, 52.7634



52.7779, 78.9601, 72.9367



37.1844, 45.9462, 70.5294



12.6266, 14.0416, 15.1141



17.9097, 30.4192, 22.6179



1.1159, 1.8490, 1.5523

Inverse Universe

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



37.6513, 26.6771, 27.5931



51.3177, 32.8933, 31.5617



38.1586, 30.9022, 17.8645



12.5746, 12.4813, 13.7000



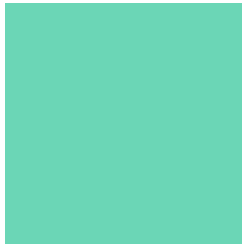
17.3616, 8.8810, 3.9425



1.0834, 0.5502, 0.4287

Previews

White Background



This preview shows how the XYZ color 38.5535, 54.5963, 52.7621 looks on a white background.

Color Contrast Check

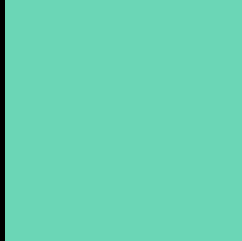
Large Text (above 18pt) WCAG AA × Fail

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 38.5535, 54.5963, 52.7621 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

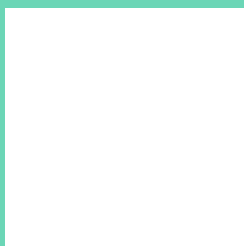
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5535, 54.5963, 52.7621

Background



This preview shows how black text looks on a background with the XYZ color 38.5535, 54.5963, 52.7621.



This preview shows how white text looks on a background with the XYZ color 38.5535, 54.5963,

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

38.5535, 54.5963, 52.7621

Protanopia

51.0493, 53.7767, 46.2174

Deuteranopia

54.8718, 53.6186, 55.0343



Tritanopia

43.8922, 54.5411, 79.4483

Trichromacy



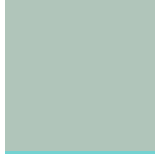
Original Color

38.5535, 54.5963, 52.7621



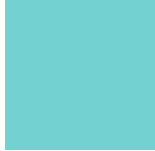
Protanomaly

44.7730, 53.1933, 48.4650



Deuteranomaly

46.7337, 52.7078, 54.1649



Tritanomaly

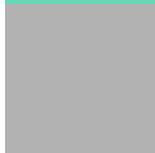
41.6254, 54.3415, 68.6167

Monochromacy



Original Color

38.5535, 54.5963, 52.7621



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.7164, 47.1917, 49.6635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5535, 54.5963, 52.7621 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(107, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 182)  
}
```

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(107, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.5535, 54.5963, 52.7621 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(107, 214, 182) }
```


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

```
.border{ border-color:rgb(107, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5535, 54.5963, 52.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 182) }
```

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

```
.background{ background-color: rgb(107,  
214, 182) }
```

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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