

Converting Colors

XYZ(29.3140, 39.7199, 38.5155)

Have a look what the booklet for
XYZ(29.3140, 39.7199, 38.5155)
contains.

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Color

**XYZ(29.3754, 39.8754,
38.4962)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB89E
RGB	107, 184, 158
RGB Percent	42%, 72%, 62%
CMY	0.5804, 0.2784, 0.3804
CMYK	0.42, 0.00, 0.14, 0.28
HSL	160°, 35%, 57%
HSV	160°, 42%, 72%
XYZ	29.3754, 39.8754, 38.4962
YIQ	158.0130, -37.5460, -24.4100

Conversions

Conversions Part 2

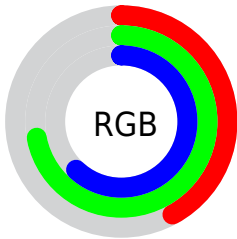
Format	Color
RYB	107, 153, 184
Decimal	7059614
CIELab	69.38, -29.97, 5.79
CIELCh	69, 30.521, 169.071
Yxy	39.8754, 0.2726, 0.3701
Android (android.graphics.Color)	4285249694 (0xFF6BB89E)
YUV	158.0130, -0.0064, -44.7384
Hunter-Lab	63.1470, -27.4706, 8.0580

Details

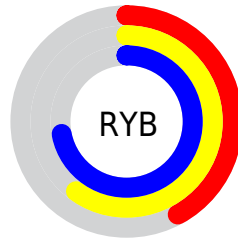
The XYZ color **29.3754, 39.8754, 38.4962** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.2598, 22.4001, 24.9732**, and the grayscale version is **32.5184, 34.2118, 37.2567**.

A 20% lighter version of the original color is **58.0706, 74.8057, 74.3291**, and **12.1047, 17.7837, 16.7045** is the 20% darker color. If you saturate the color by 10%, you get **26.8730, 38.6467, 35.6580**, and if you desaturate by 10%, it is **32.3778, 41.3608, 41.5007**.

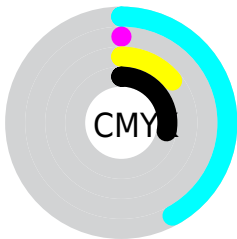
Distribution



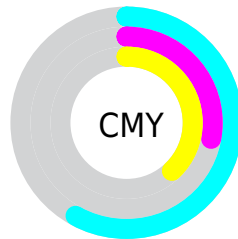
- Red (42%)
- Green (72%)
- Blue (62%)



- Red (42%)
- Yellow (60%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (58%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3754, 39.8754, 38.4962 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 29.3754, 39.8754, 38.4962 by changing the saturation by 10% instead.


 29.3754, 39.8754,
38.4962


 29.3754, 39.8754,
38.4962


290.9445,
345.5981, 355.1056


 19.5107, 27.4414,
26.0632

 58.0664, 74.9737,
74.0799


 12.1461, 17.9050,
16.6447


 77.6235, 98.4069,
98.0677

 6.9161, 10.8818,
9.8223


 101.1420,
126.2752, 126.7441

 3.4556, 5.9874,
5.1772

 128.9874,
158.9631, 160.5278

 1.3990, 2.8374,
2.2911

161.5250,
196.8549, 199.8373

 0.2555, 1.0475,
0.7262

199.1201,

 0.0000, 0.0000,

240.3351, 245.0910

0.0000

242.1381,
289.7880, 296.7076

■ 29.3754, 39.8754,
38.4962

■ 29.3754, 39.8754,
38.4962

■ 26.8730, 38.6467,
35.6580

■ 32.3778, 41.3608,
41.5007

■ 24.8368, 37.6541,
32.9798

■ 35.9046, 43.1125,
44.6722

■ 23.2338, 36.8819,
30.4590


■ 39.9829, 45.1451,
48.0146


■ 22.0251, 36.3099,
28.0915


■ 44.6365, 47.4712,
51.5311


■ 21.1647, 35.9146,
25.8729


■ 49.8881, 50.1021,
55.2245

 20.6459, 35.6843,
24.1694

 55.7590, 53.0490,
59.0979

 62.2694, 56.3222,
63.1539

 69.4386, 59.9316,
67.3952

 70.5089, 60.3935,
71.5074

Harmonies

Analogous

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



31.2133, 39.8754, 28.0200



29.3754, 39.8754, 38.4962



29.6688, 39.8754, 52.8524

Triad

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



29.3754, 39.8754, 38.4962



41.0656, 39.8754, 74.2684



44.4195, 39.8754, 26.0436

Complementary

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



29.3754, 39.8754, 38.4962



29.2598, 22.4001, 24.9732

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.



47.5290, 39.8754, 35.1781



29.3754, 39.8754, 38.4962



45.4802, 39.8754, 63.6210

Square

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



29.3754, 39.8754, 38.4962



36.1406, 39.8754, 75.6969



47.9331, 39.8754, 48.7414



39.7164, 39.8754, 21.9336

Rectangle

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



29.3754, 39.8754, 38.4962



31.0409, 39.8754, 62.7595



47.9331, 39.8754, 48.7414



45.7025, 39.8754, 28.5240

Sweetspot

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



29.3765, 39.8770, 38.4971



71.4037, 81.2989, 86.1876



29.6191, 40.4084, 20.1489



15.0306, 17.3455, 18.2894



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.3765, 39.8770, 38.4971



49.1322, 70.2602, 65.1443



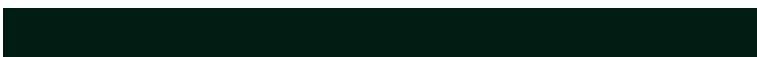
29.5546, 36.2646, 50.7914



9.1343, 10.1577, 10.8645



14.2625, 24.6059, 16.8359



0.5304, 0.8785, 0.7390

Inverse Universe

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



29.2598, 22.4001, 24.9732



48.9052, 34.4190, 37.4712



28.9656, 24.3396, 17.0818



9.1264, 9.0609, 10.0130



14.2551, 7.2758, 3.9644



0.5322, 0.2683, 0.2957

Previews

White Background



This preview shows how the XYZ color 29.3754, 39.8754, 38.4962 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 29.3754, 39.8754, 38.4962 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 29.3754, 39.8754, 38.4962

Background



This preview shows how black text looks on a background with the XYZ color 29.3754, 39.8754, 38.4962.

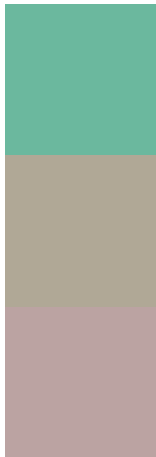


This preview shows how white text looks on a background with the XYZ color 29.3754, 39.8754,

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

29.3754, 39.8754, 38.4962

Protanopia

37.4121, 39.4374, 34.4945

Deuteranopia

40.1123, 39.3678, 39.6670



Tritanopia

32.9482, 39.8035, 56.3984

Trichromacy



Original Color

29.3754, 39.8754, 38.4962

Protanomaly

33.6483, 39.1513, 35.9205

Deuteranomaly

35.0965, 38.9681, 39.3900

Tritanomaly

31.5721, 39.8537, 49.2085

Monochromacy



Original Color

29.3754, 39.8754, 38.4962

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.6377, 35.5950, 37.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3754, 39.8754, 38.4962 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, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(107, 184, 158)  
}
```

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, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 184, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.3754, 39.8754, 38.4962 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, 184, 158) }
```


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

```
.border{ border-color:rgb(107, 184, 158) }
```

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

Here you see how a box with a 4 pixel rgb(107, 184, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(107, 184,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3754, 39.8754, 38.4962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 184, 158) }
```

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

```
.background{ background-color: rgb(107,  
184, 158) }
```

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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