

Converting Colors

XYZ(30.2570, 39.4049, 50.8606)

Have a look what the booklet for
XYZ(30.2570, 39.4049, 50.8606)
contains.

XYZ(30.3122, 39.4715, 50.8209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3122, 39.4715,
50.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	62B6B7
RGB	98, 182, 183
RGB Percent	38%, 71%, 72%
CMY	0.6157, 0.2863, 0.2823
CMYK	0.46, 0.01, 0.00, 0.28
HSL	181°, 37%, 55%
HSV	181°, 46%, 72%
XYZ	30.3122, 39.4715, 50.8209
YIQ	156.9980, -50.3850, -17.4970

Conversions

Conversions Part 2

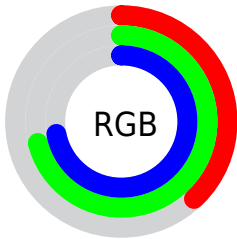
Format	Color
RYB	98, 140, 183
Decimal	6469303
CIELab	69.09, -25.16, -8.43
CIElCh	69, 26.539, 198.522
Yxy	39.4715, 0.2513, 0.3273
Android (android.graphics.Color)	4284659383 (0xFF62B6B7)
YUV	156.9980, 12.8190, -51.7412
Hunter-Lab	62.8263, -23.8242, -3.9819

Details

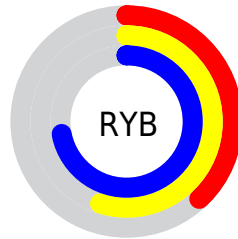
The XYZ color **30.3122, 39.4715, 50.8209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.1955, 19.8734, 14.0115**, and the grayscale version is **32.0083, 33.6753, 36.6724**.

A 20% lighter version of the original color is **59.4809, 74.2511, 92.8583**, and **12.6789, 17.7243, 23.8720** is the 20% darker color. If you saturate the color by 10%, you get **28.5153, 38.4808, 50.7251**, and if you desaturate by 10%, it is **32.5629, 40.6981, 50.9397**.

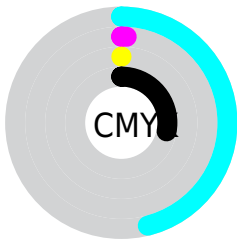
Distribution



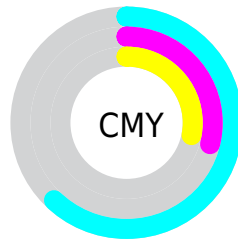
- Red (38%)
- Green (71%)
- Blue (72%)



- Red (38%)
- Yellow (55%)
- Blue (72%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3122, 39.4715, 50.8209 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 30.3122, 39.4715, 50.8209 by changing the saturation by 10% instead.

30.3122, 39.4715,
50.8209

30.3122, 39.4715,
50.8209

295.2408,
343.8910, 406.6942

20.2249, 27.1267,
35.6904

59.5388, 74.3581,
92.7988

12.6679, 17.6684,
23.9073

79.4088, 97.6686,
120.4832

7.2757, 10.7122,
15.0533

103.2705,
125.4033, 153.1893

3.6829, 5.8737,
8.7098

131.4892,
157.9463, 191.3356

1.5244, 2.7684,
4.4582

164.4302,
195.6822, 235.3407

0.3423, 1.0121,
1.8799

202.4589,

0.0000, 0.0000,

238.9954, 285.6232

0.4799

245.9406,
288.2702, 342.6015

■ 0.0000, 0.0000,
0.0000

■ 30.3122, 39.4715,
50.8209

■ 30.3122, 39.4715,
50.8209

■ 28.5153, 38.4808,
50.7251

■ 32.5629, 40.6981,
50.9397

■ 27.1375, 37.7053,
50.6480

■ 35.2922, 42.1706,
51.0801

■ 26.1448, 37.1285,
50.5890


■ 38.5271, 43.9038,
51.2441


■ 25.4965, 36.7293,
50.5461


■ 42.2917, 45.9102,
51.4330


■ 25.1382, 36.4797,
50.5168


■ 46.6085, 48.2014,
51.6477

 25.0413, 36.4067,
50.5078

 51.4987, 50.7883,
51.8893

 56.9825, 53.6813,
52.1587

 63.0790, 56.8902,
52.4567

 66.9148, 58.9338,
52.6490

Harmonies

Analogous

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



30.0881, 39.4715, 38.5018



30.3122, 39.4715, 50.8209



32.3770, 39.4715, 62.9271

Triad

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



30.3122, 39.4715, 50.8209



43.9547, 39.4715, 60.3501



39.1604, 39.4715, 23.9334

Complementary

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



30.3122, 39.4715, 50.8209



26.1955, 19.8734, 14.0115

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.



43.1730, 39.4715, 27.7649



30.3122, 39.4715, 50.8209



46.0767, 39.4715, 47.7878

Square

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



30.3122, 39.4715, 50.8209



40.1635, 39.4715, 69.1030



45.7804, 39.4715, 35.9862



34.9884, 39.4715, 24.4390

Rectangle

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



30.3122, 39.4715, 50.8209



34.6130, 39.4715, 68.5399



45.7804, 39.4715, 35.9862



40.5779, 39.4715, 24.7225

Sweetspot

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



30.3134, 39.4730, 50.8218



70.4106, 79.3829, 91.8471



24.1759, 37.3463, 17.4905



15.2485, 17.3714, 20.2709



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.



30.3134, 39.4730, 50.8218



50.9349, 68.8424, 90.8391



23.0364, 24.9192, 48.3962



9.2574, 10.1920, 11.5588



17.4727, 25.4051, 35.2358



0.6189, 0.9014, 1.2431

Inverse Universe

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



32.3406, 22.1810, 46.8345



55.0413, 34.0331, 82.7134



31.1852, 29.8527, 15.6747



9.3763, 9.1609, 11.3289



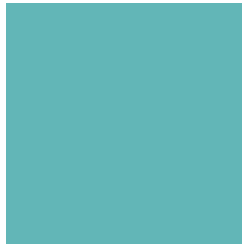
19.4331, 9.3470, 31.2311



0.6865, 0.3301, 1.1087

Previews

White Background



This preview shows how the XYZ color 30.3122, 39.4715, 50.8209 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 30.3122, 39.4715, 50.8209 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 30.3122, 39.4715, 50.8209

Background



This preview shows how black text looks on a background with the XYZ color 30.3122, 39.4715, 50.8209.

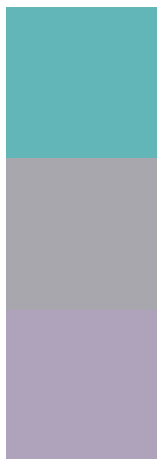


This preview shows how white text looks on a background with the XYZ color 30.3122, 39.4715,

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

30.3122, 39.4715, 50.8209

Protanopia

37.8209, 39.1284, 45.6036

Deuteranopia

39.7460, 38.8962, 52.4266



Tritanopia

31.6511, 39.4074, 57.5680

Trichromacy



Original Color

30.3122, 39.4715, 50.8209

Protanomaly

34.0160, 38.5190, 47.2370

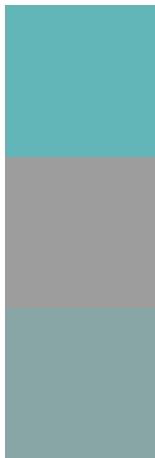
Deuteranomaly

35.2703, 38.4977, 52.0262

Tritanomaly

31.2947, 39.5760, 55.2798

Monochromacy



Original Color

30.3122, 39.4715, 50.8209

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.6725, 35.2599, 41.2656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3122, 39.4715, 50.8209 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(98, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(98, 182, 183)  
}
```

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(98, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 182, 183) }
```

Border

The CSS property to change the border of an element to XYZ 30.3122, 39.4715, 50.8209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

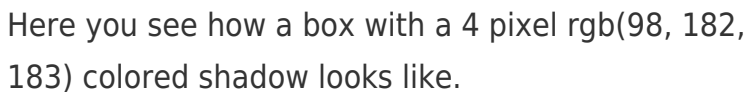
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 182, 183) }
```


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

```
.border{ border-color:rgb(98, 182, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 182, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 182, 183); box-shadow:4px 4px 4px 4px rgb(98, 182, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3122, 39.4715, 50.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 182, 183) }
```

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

```
.background{ background-color: rgb(98, 182,  
183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor