

Converting Colors

XYZ(30.0000, 39.1469, 58.1995)

Have a look what the booklet for
XYZ(30.0000, 39.1469, 58.1995)
contains.

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Color

**XYZ(30.0000, 39.1469,
58.1995)**

Conversions

Conversions Part 1

Format	Color
Hex	50B6C4
RGB	80, 182, 196
RGB Percent	31%, 71%, 77%
CMY	0.6863, 0.2863, 0.2314
CMYK	0.59, 0.07, 0.00, 0.23
HSL	187°, 50%, 54%
HSV	187°, 59%, 77%
XYZ	30.0000, 39.1469, 58.1995
YIQ	153.0980, -65.2860, -17.2700

Conversions

Conversions Part 2

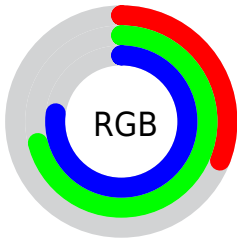
Format	Color
RYB	80, 134, 196
Decimal	5289668
CIELab	68.86, -25.33, -16.01
CIElCh	69, 29.965, 212.285
Yxy	39.1469, 0.2356, 0.3074
Android (android.graphics.Color)	4283479748 (0xFF50B6C4)
YUV	153.0980, 21.1507, -64.1069
Hunter-Lab	62.5675, -23.9055, -11.3536

Details

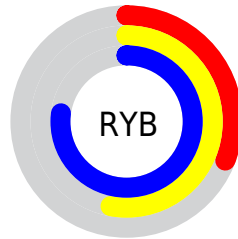
The XYZ color **30.0000, 39.1469, 58.1995** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **28.2165, 20.3213, 10.0257**, and the grayscale version is **30.2533, 31.8288, 34.6616**.

A 20% lighter version of the original color is **59.1194, 73.8164, 104.0606**, and **12.7327, 17.6535, 28.3276** is the 20% darker color. If you saturate the color by 10%, you get **28.1002, 37.4553, 57.9738**, and if you desaturate by 10%, it is **32.3930, 41.1066, 58.4524**.

Distribution



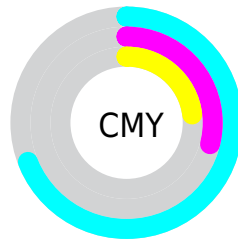
- Red (31%)
- Green (71%)
- Blue (77%)



- Red (31%)
- Yellow (53%)
- Blue (77%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0000, 39.1469, 58.1995 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 30.0000, 39.1469, 58.1995 by changing the saturation by 10% instead.

■ 30.0000, 39.1469,
58.1995

■ 30.0000, 39.1469,
58.1995

293.8143,
342.5146, 435.5479

■ 19.9867, 26.8740,
41.5533

■ 59.0488, 73.8627,
103.7310

■ 12.4936, 17.4786,
28.4287

■ 78.8150, 97.0744,
133.4533

■ 7.1553, 10.5763,
18.4072

■ 102.5628,
124.7011, 168.3714

■ 3.6066, 5.7827,
11.0703

■ 130.6577,
157.1273, 208.9039

■ 1.4821, 2.7134,
5.9994

163.4649,
194.7374, 255.4692

■ 0.3136, 0.9840,
2.7759

201.3498,

■ 0.0000, 0.0000,

237.9157, 308.4860

0.9814

244.6778,
287.0467, 368.3727

■ 0.0000, 0.0000,
0.0000

■ 30.0000, 39.1469,
58.1995

■ 30.0000, 39.1469,
58.1995

■ 28.1002, 37.4553,
57.9738

■ 32.3930, 41.1066,
58.4524

■ 26.6466, 36.0049,
57.7705

■ 35.3138, 43.3498,
58.7314

■ 25.5894, 34.7710,
57.5880

■ 38.7979, 45.8956,
59.0391

■ 24.8398, 33.7075,
57.4223

■ 42.8767, 48.7603,
59.3771

■ 24.7828, 33.6232,
57.4090

■ 47.5793, 51.9590,
59.7467

■ 52.9329, 55.5057,
60.1491

■ 58.9630, 59.4137,
60.5856

■ 65.6937, 63.6954,
61.0573

■ 72.6286, 68.0950,
61.5410

Harmonies

Analogous

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



28.7980, 39.1469, 43.6771



30.0000, 39.1469, 58.1995



33.1149, 39.1469, 70.2677

Triad

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



30.0000, 39.1469, 58.1995



45.9050, 39.1469, 56.0016



36.8445, 39.1469, 21.4453

Complementary

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



30.0000, 39.1469, 58.1995



28.2165, 20.3213, 10.0257

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.



41.6251, 39.1469, 23.3887



30.0000, 39.1469, 58.1995



47.1139, 39.1469, 41.5886

Square

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



30.0000, 39.1469, 58.1995



42.3094, 39.1469, 68.8204



45.4868, 39.1469, 30.1099



32.5340, 39.1469, 24.0956

Rectangle

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



30.0000, 39.1469, 58.1995



35.9938, 39.1469, 74.2011



45.4868, 39.1469, 30.1099



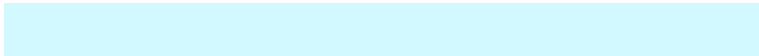
38.4491, 39.1469, 21.5823

Sweetspot

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



30.0012, 39.1484, 58.2004



78.3911, 88.8265, 107.6213



25.0487, 41.9860, 17.2653



16.2804, 18.6676, 22.9951



0.0000, 0.0000, 0.0000



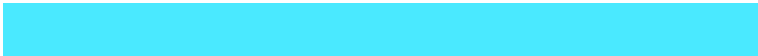
20.3446, 21.4041, 23.3091

Same Dimension

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



30.0012, 39.1484, 58.2004



50.0519, 67.0372, 104.9092



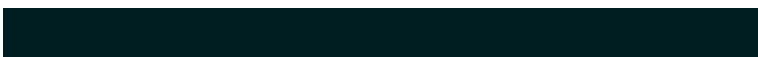
20.5394, 20.2248, 55.0465



10.2615, 11.2142, 12.9086



15.9659, 21.6882, 36.9014



0.7197, 0.9967, 1.6043

Inverse Universe

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



34.0781, 20.8516, 46.4862



58.4150, 32.0427, 80.3099



35.3665, 34.6214, 12.4091



10.4433, 10.2259, 12.4248



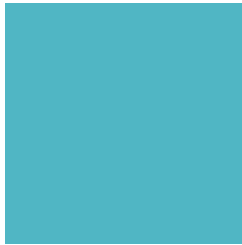
19.4548, 9.4717, 26.1048



0.8556, 0.4153, 1.2072

Previews

White Background



This preview shows how the XYZ color 30.0000, 39.1469, 58.1995 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 30.0000, 39.1469, 58.1995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

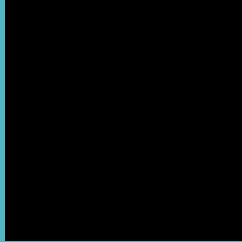
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0000, 39.1469, 58.1995

Background



This preview shows how black text looks on a background with the XYZ color 30.0000, 39.1469, 58.1995.

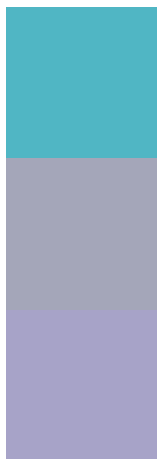


This preview shows how white text looks on a background with the XYZ color 30.0000, 39.1469,

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

30.0000, 39.1469, 58.1995

Protanopia

37.7030, 38.6677, 51.3754

Deuteranopia

39.4589, 38.5800, 60.0106



Tritanopia

30.1143, 39.1926, 58.8011

Trichromacy



Original Color

30.0000, 39.1469, 58.1995

Protanomaly

33.6107, 38.1657, 53.7394

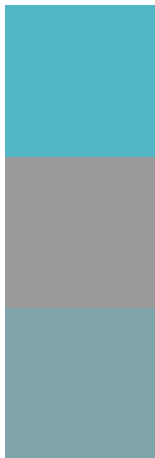
Deuteranomaly

34.6752, 38.0239, 59.5446

Tritanomaly

30.1143, 39.1926, 58.8011

Monochromacy



Original Color

30.0000, 39.1469, 58.1995

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0411, 33.8511, 42.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0000, 39.1469, 58.1995 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(80, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(80, 182, 196)  
}
```

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(80, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 182, 196) }
```

Border

The CSS property to change the border of an element to XYZ 30.0000, 39.1469, 58.1995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

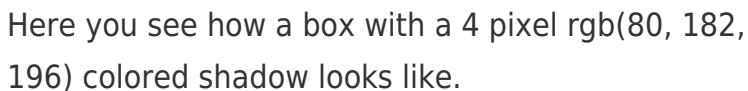
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 182, 196) }
```


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

```
.border{ border-color:rgb(80, 182, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(80, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(80, 182,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0000, 39.1469, 58.1995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 182, 196) }
```

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

```
.background{ background-color: rgb(80, 182,  
196) }
```

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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