

Converting Colors

XYZ(28.4182, 38.2279, 49.0609)

Have a look what the booklet for
XYZ(28.4182, 38.2279, 49.0609)
contains.

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Color

**XYZ(28.4182, 38.2279,
49.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	54B5B4
RGB	84, 181, 180
RGB Percent	33%, 71%, 71%
CMY	0.6706, 0.2902, 0.2941
CMYK	0.54, 0.00, 0.01, 0.29
HSL	179°, 40%, 52%
HSV	179°, 54%, 71%
XYZ	28.4182, 38.2279, 49.0609
YIQ	151.8830, -57.4910, -20.8750

Conversions

Conversions Part 2

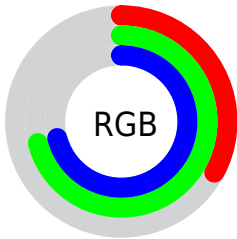
Format	Color
RYB	84, 133, 181
Decimal	5551540
CIELab	68.19, -28.54, -8.18
CIElCh	68, 29.688, 195.986
Yxy	38.2279, 0.2456, 0.3304
Android (android.graphics.Color)	4283741620 (0xFF54B5B4)
YUV	151.8830, 13.8617, -59.5334
Hunter-Lab	61.8287, -26.1567, -3.7663

Details

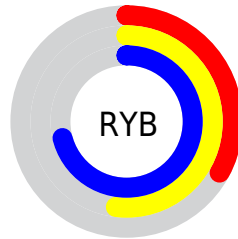
The XYZ color **28.4182, 38.2279, 49.0609** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.8673, 16.8213, 10.5844**, and the grayscale version is **29.7554, 31.3050, 34.0912**.

A 20% lighter version of the original color is **56.5798, 72.3753, 90.3446**, and **11.6376, 17.0158, 22.7497** is the 20% darker color. If you saturate the color by 10%, you get **26.9841, 37.4917, 48.8953**, and if you desaturate by 10%, it is **30.2732, 39.1829, 49.2481**.

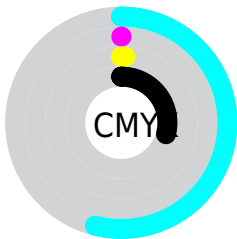
Distribution



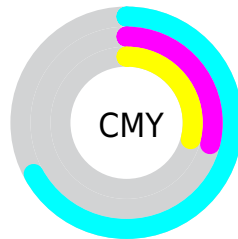
- Red (33%)
- Green (71%)
- Blue (71%)



- Red (33%)
- Yellow (52%)
- Blue (71%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4182, 38.2279, 49.0609 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 28.4182, 38.2279, 49.0609 by changing the saturation by 10% instead.

■ 28.4182, 38.2279,
49.0609

■ 28.4182, 38.2279,
49.0609

286.5038,
338.5966, 399.6114

■ 18.7832, 26.1596,
34.3018

■ 56.5554, 72.4573,
90.1638

■ 11.6168, 16.9431,
22.8463

■ 75.7883, 95.3872,
117.3448

■ 6.5537, 10.1939,
14.2759

■ 98.9513, 122.7065,
149.5034

■ 3.2284, 5.5277,
8.1718

■ 126.4096,
154.7995, 187.0584

■ 1.2757, 2.5601,
4.1158

158.5287,
192.0506, 230.4281

■ 0.1649, 0.9066,
1.6891

195.6738,

■ 0.0000, 0.0000,

234.8442, 280.0311

0.3532

238.2104,
283.5647, 336.2860

■ 0.0000, 0.0000,
0.0000

■ 28.4182, 38.2279,
49.0609

■ 28.4182, 38.2279,
49.0609

■ 26.9841, 37.4917,
48.8953

■ 30.2732, 39.1829,
49.2481

■ 25.9345, 36.9528,
48.7469

■ 32.5751, 40.3673,
49.4554

■ 25.2326, 36.5931,
48.6149

■ 35.3518, 41.7966,
49.6852

■ 24.8330, 36.3893,
48.4973

■ 38.6281, 43.4833,
49.9384

■ 24.6747, 36.3091,
48.4265

■ 42.4268, 45.4394,
50.2162

■ 46.7695, 47.6760,
50.5197

■ 51.6766, 50.2035,
50.8496

■ 57.1674, 53.0318,
51.2070

■ 63.2602, 56.1706,
51.5928

Harmonies

Analogous

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



28.3508, 38.2279, 35.7403



28.4182, 38.2279, 49.0609



30.4837, 38.2279, 62.8250

Triad

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



28.4182, 38.2279, 49.0609



43.1325, 38.2279, 62.0109



38.5371, 38.2279, 21.4363

Complementary

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



28.4182, 38.2279, 49.0609



23.8673, 16.8213, 10.5844

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.



42.8897, 38.2279, 25.8256



28.4182, 38.2279, 49.0609



45.6917, 38.2279, 48.1198

Square

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



28.4182, 38.2279, 49.0609



38.8462, 38.2279, 71.3194



45.5992, 38.2279, 34.9788



33.9335, 38.2279, 21.5827

Rectangle

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



28.4182, 38.2279, 49.0609



32.8248, 38.2279, 69.5825



45.5992, 38.2279, 34.9788



40.0858, 38.2279, 22.3817

Sweetspot

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



28.4193, 38.2294, 49.0618



67.5185, 77.0195, 89.3095



21.9278, 35.6497, 14.1136



14.3320, 16.5122, 19.2829



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.4193, 38.2294, 49.0618



48.0060, 66.9798, 87.5257



20.5390, 22.3047, 46.9405



8.7388, 9.6300, 10.8842



17.0113, 25.0305, 33.3919



0.5364, 0.7880, 1.0570

Inverse Universe

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



23.8673, 16.8213, 10.5844



39.0149, 24.6778, 11.5126



28.7583, 26.6665, 12.0197



8.4998, 8.5066, 8.8644



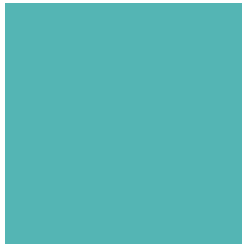
13.1455, 6.7758, 0.6604



0.4148, 0.2137, 0.0269

Previews

White Background



This preview shows how the XYZ color 28.4182, 38.2279, 49.0609 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 28.4182, 38.2279, 49.0609 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 28.4182, 38.2279, 49.0609

Background



This preview shows how black text looks on a background with the XYZ color 28.4182, 38.2279, 49.0609.

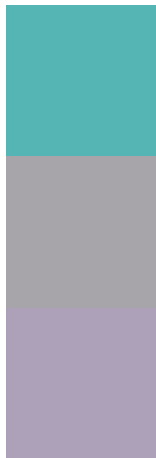


This preview shows how white text looks on a background with the XYZ color 28.4182, 38.2279,

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

28.4182, 38.2279, 49.0609

Protanopia

36.4675, 37.6687, 43.3789

Deuteranopia

38.4099, 37.7211, 50.6039



Tritanopia

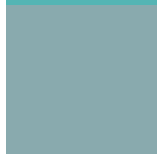
29.8656, 38.2143, 56.2541

Trichromacy



Original Color

28.4182, 38.2279, 49.0609



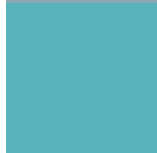
Protanomaly

32.3312, 37.1238, 45.5060



Deuteranomaly

33.3651, 36.9996, 50.1829



Tritanomaly

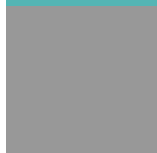
29.3288, 38.2996, 53.4237

Monochromacy



Original Color

28.4182, 38.2279, 49.0609



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.3712, 33.3150, 39.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4182, 38.2279, 49.0609 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(84, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(84, 181, 180)  
}
```

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(84, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 181, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.4182, 38.2279, 49.0609 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(84, 181, 180) }
```


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

```
.border{ border-color:rgb(84, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(84, 181,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4182, 38.2279, 49.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 181, 180) }
```

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

```
.background{ background-color: rgb(84, 181,  
180) }
```

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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