

Converting Colors

XYZ(30.4579, 39.2675, 49.6901)

Have a look what the booklet for
XYZ(30.4579, 39.2675, 49.6901)
contains.

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Color

**XYZ(30.4579, 39.2675,
49.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	67B5B5
RGB	103, 181, 181
RGB Percent	40%, 71%, 71%
CMY	0.5961, 0.2902, 0.2902
CMYK	0.43, 0.00, 0.00, 0.29
HSL	180°, 35%, 56%
HSV	180°, 43%, 71%
XYZ	30.4579, 39.2675, 49.6901
YIQ	157.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

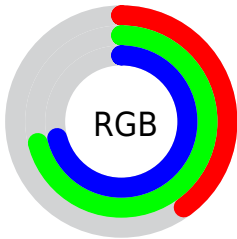
Format	Color
RYB	103, 142, 181
Decimal	6796725
CIELab	68.94, -23.98, -7.52
CIELCh	69, 25.137, 197.418
Yxy	39.2675, 0.2551, 0.3288
Android (android.graphics.Color)	4284986805 (0xFF67B5B5)
YUV	157.6780, 11.4977, -47.9526
Hunter-Lab	62.6638, -22.9012, -3.1502

Details

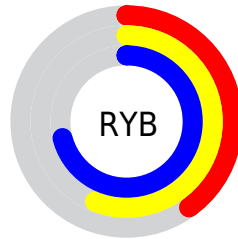
The XYZ color **30.4579, 39.2675, 49.6901** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.3559, 20.5048, 15.4022**, and the grayscale version is **32.3193, 34.0024, 37.0286**.

A 20% lighter version of the original color is **59.8683, 74.0537, 91.2592**, and **12.7422, 17.5777, 23.1433** is the 20% darker color. If you saturate the color by 10%, you get **28.6026, 38.3120, 49.6039**, and if you desaturate by 10%, it is **32.7649, 40.4577, 49.7992**.

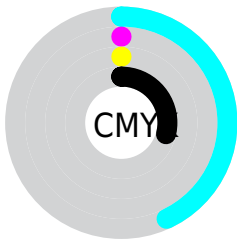
Distribution



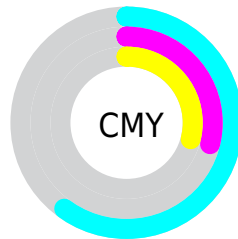
- Red (40%)
- Green (71%)
- Blue (71%)



- Red (40%)
- Yellow (56%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4579, 39.2675, 49.6901 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 30.4579, 39.2675, 49.6901 by changing the saturation by 10% instead.

■ 30.4579, 39.2675,
49.6901

■ 30.4579, 39.2675,
49.6901

295.9047,
343.0264, 402.1531

■ 20.3362, 26.9679,
34.7978

■ 59.7672, 74.0468,
91.1071

■ 12.7493, 17.5491,
23.2248

■ 79.6856, 97.2953,
118.4689

■ 7.3320, 10.6268,
14.5527

■ 103.6002,
124.9621, 150.8242

■ 3.7187, 5.8165,
8.3630

■ 131.8765,
157.4318, 188.5916

■ 1.5443, 2.7338,
4.2370

164.8797,
195.0887, 232.1897

■ 0.3557, 0.9944,
1.7562

202.9752,

■ 0.0000, 0.0000,

238.3172, 282.0369

0.3989

246.5284,
287.5016, 338.5519

■ 0.0000, 0.0000,
0.0000

■ 30.4579, 39.2675,
49.6901

■ 30.4579, 39.2675,
49.6901

■ 28.6026, 38.3120,
49.6039

■ 32.7649, 40.4577,
49.7992

■ 27.1663, 37.5716,
49.5364

■ 35.5468, 41.8919,
49.9296

■ 26.1173, 37.0308,
49.4871

■ 38.8294, 43.5841,
50.0835

■ 25.4181, 36.6703,
49.4542

■ 42.6355, 45.5462,
50.2618

■ 25.0236, 36.4670,
49.4355

■ 46.9867, 47.7893,
50.4657

■ 24.8649, 36.3851,
49.4279

■ 51.9032, 50.3239,
50.6960

■ 57.4043, 53.1598,
50.9537

■ 63.5082, 56.3065,
51.2396

■ 66.1055, 57.6454,
51.3614

Harmonies

Analogous

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



30.3115, 39.2675, 38.1369



30.4579, 39.2675, 49.6901



32.3590, 39.2675, 61.1007

Triad

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



30.4579, 39.2675, 49.6901



43.2736, 39.2675, 59.4493



39.0223, 39.2675, 24.6673

Complementary

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



30.4579, 39.2675, 49.6901



26.3559, 20.5048, 15.4022

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.



42.7694, 39.2675, 28.5078



30.4579, 39.2675, 49.6901



45.3391, 39.2675, 47.7330

Square

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



30.4579, 39.2675, 49.6901



39.6713, 39.2675, 67.3894



45.1482, 39.2675, 36.4983



35.0685, 39.2675, 25.0020

Rectangle

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



30.4579, 39.2675, 49.6901



34.4478, 39.2675, 66.4748



45.1482, 39.2675, 36.4983



40.3530, 39.2675, 25.4794

Sweetspot

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



30.4591, 39.2690, 49.6910



69.4613, 78.0147, 89.6914



24.7171, 36.9896, 18.6699



14.7194, 16.7104, 19.3717



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.



30.4591, 39.2690, 49.6910



51.2909, 68.6475, 88.8393



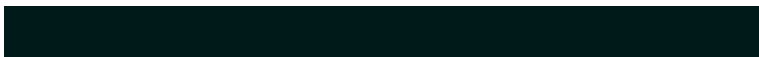
23.8028, 25.9563, 47.4732



8.7427, 9.6316, 10.9046



17.1407, 25.0822, 34.0733



0.5393, 0.7892, 1.0721

Inverse Universe

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



26.3559, 20.5048, 15.4022



42.9493, 30.5006, 19.1317



30.9864, 29.7659, 16.9452



8.4964, 8.5053, 8.8464



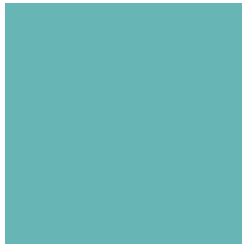
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 30.4579, 39.2675, 49.6901 looks on a white background.

Color Contrast Check

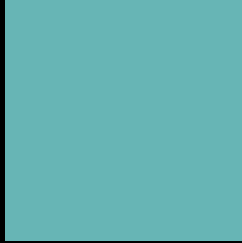
Large Text (above 18pt) WCAG AA × Fail

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 30.4579, 39.2675, 49.6901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

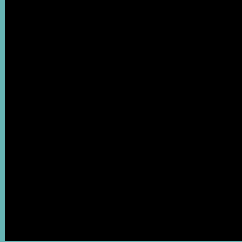
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.4579, 39.2675, 49.6901

Background



This preview shows how black text looks on a background with the XYZ color 30.4579, 39.2675, 49.6901.

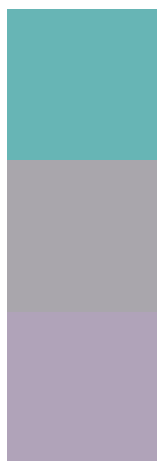


This preview shows how white text looks on a background with the XYZ color 30.4579, 39.2675,

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

30.4579, 39.2675, 49.6901

Protanopia

37.4448, 38.6860, 44.5233

Deuteranopia

39.7586, 38.9273, 51.3171



Tritanopia

31.9211, 39.2610, 56.9347

Trichromacy



Original Color

30.4579, 39.2675, 49.6901

Protanomaly

33.9778, 38.2407, 46.1478

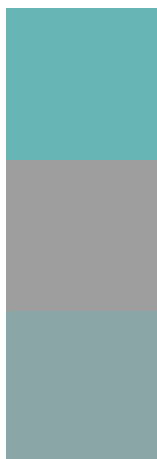
Deuteranomaly

35.4209, 38.5997, 50.9310

Tritanomaly

31.4504, 39.3808, 54.0878

Monochromacy



Original Color

30.4579, 39.2675, 49.6901

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.0004, 35.4289, 41.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4579, 39.2675, 49.6901 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(103, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(103, 181, 181)  
}
```

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(103, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 181, 181) }
```

Border

The CSS property to change the border of an element to XYZ 30.4579, 39.2675, 49.6901 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(103, 181, 181) }
```


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

```
.border{ border-color:rgb(103, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(103, 181,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4579, 39.2675, 49.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 181, 181) }
```

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

```
.background{ background-color: rgb(103,  
181, 181) }
```

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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