

Converting Colors

XYZ(24.8920, 39.6969, 17.9609)

Have a look what the booklet for
XYZ(24.8920, 39.6969, 17.9609)
contains.

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Color

**XYZ(24.8158, 39.5523,
17.8817)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBD62
RGB	92, 189, 98
RGB Percent	36%, 74%, 38%
CMY	0.6392, 0.2588, 0.6157
CMYK	0.51, 0.00, 0.48, 0.26
HSL	124°, 42%, 55%
HSV	124°, 51%, 74%
XYZ	24.8158, 39.5523, 17.8817
YIQ	149.6230, -28.6010, -48.8650

Conversions

Conversions Part 2

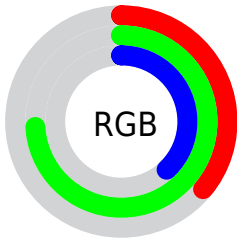
Format	Color
RYB	92, 183, 189
Decimal	6077794
CIELab	69.15, -47.45, 37.28
CIELCh	69, 60.348, 141.843
Yxy	39.5523, 0.3017, 0.4809
Android (android.graphics.Color)	4284267874 (0xFF5CBD62)
YUV	149.6230, -25.4501, -50.5354
Hunter-Lab	62.8906, -39.6249, 27.1655

Details

The XYZ color **24.8158, 39.5523, 17.8817** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **33.3618, 21.8926, 47.2680**, and the grayscale version is **28.9435, 30.4508, 33.1609**.

A 20% lighter version of the original color is **50.8552, 74.5031, 40.5543**, and **9.7042, 17.8026, 5.7211** is the 20% darker color. If you saturate the color by 10%, you get **22.4116, 38.4003, 13.8729**, and if you desaturate by 10%, it is **27.8784, 41.0246, 22.8910**.

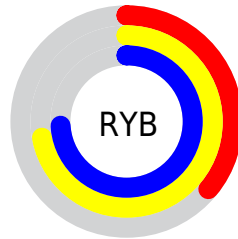
Distribution



Red (36%)

Green (74%)

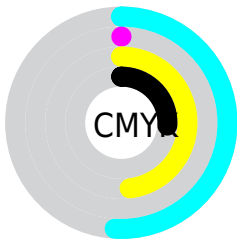
Blue (38%)



Red (36%)

Yellow (72%)

Blue (74%)

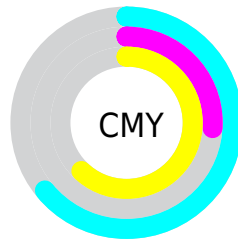


Cyan (51%)

Magenta (0%)

Yellow (48%)

Black (26%)



Cyan (64%)

Magenta (26%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8158, 39.5523, 17.8817 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 24.8158, 39.5523, 17.8817 by changing the saturation by 10% instead.

■ 24.8158, 39.5523,
17.8817

■ 24.8158, 39.5523,
17.8817

269.2840,
344.2330, 252.4171

■ 16.0679, 27.1897,
10.6965

■ 50.8033, 74.4813,
40.6469

■ 9.6633, 17.7157,
5.7516

■ 68.7736, 97.8164,
57.0639

■ 5.2369, 10.7461,
2.6283

■ 90.5487, 125.5778,
77.3954

■ 2.4231, 5.8964,
0.9070

■ 116.4939,
158.1499, 102.0597

■ 0.8566, 2.7822,
0.0000

146.9747,
195.9171, 131.4755

■ 0.0000, 1.0191,
0.0000

182.3565,

■ 0.0000, 0.0000,

239.2637, 166.0613

0.0000

223.0044,
288.5742, 206.2357

■ 24.8158, 39.5523,
17.8817

■ 24.8158, 39.5523,
17.8817

■ 22.4116, 38.4003,
13.8729

■ 27.8784, 41.0246,
22.8910

■ 20.6148, 37.5403,
10.7951

■ 31.6396, 42.8332,
28.9589

■ 19.3717, 36.9473,
8.5740

■ 36.1402, 44.9990,
36.1423

■ 18.6177, 36.5899,
7.1230

■ 41.4167, 47.5397,
44.4930

■ 18.2629, 36.4225,
6.4058

■ 47.5033, 50.4721,
54.0599

■ 54.4322, 53.8115,
64.8889

■ 62.2337, 57.5728,
77.0235

■ 70.9367, 61.7700,
90.5053

■ 77.4884, 64.8767,
103.0461

Harmonies

Analogous

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



31.1072, 39.5523, 10.1867



24.8158, 39.5523, 17.8817



22.0625, 39.5523, 35.9612

Triad

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



24.8158, 39.5523, 17.8817



35.0230, 39.5523, 119.9301



57.5666, 39.5523, 26.1741

Complementary

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



24.8158, 39.5523, 17.8817



33.3618, 21.8926, 47.2680

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.



59.0995, 39.5523, 51.0493



24.8158, 39.5523, 17.8817



44.9235, 39.5523, 113.5629

Square

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



24.8158, 39.5523, 17.8817



27.2609, 39.5523, 99.7785



54.1413, 39.5523, 84.9158



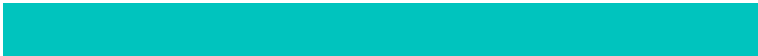
50.2534, 39.5523, 13.3492

Rectangle

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



24.8158, 39.5523, 17.8817



22.2080, 39.5523, 54.9104



54.1413, 39.5523, 84.9158



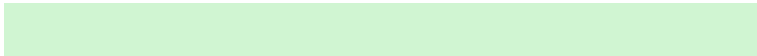
58.8199, 39.5523, 33.0600

Sweetspot

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



24.8168, 39.5540, 17.8826



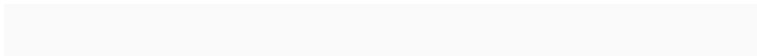
70.3036, 83.2761, 73.5714



39.9341, 47.3787, 17.1656



14.6900, 17.7018, 15.1431



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.8168, 39.5540, 17.8826



39.5275, 68.4798, 23.8131



27.7501, 40.7273, 33.3293



9.4321, 10.6590, 10.2588



12.2975, 24.5093, 4.3635



0.4900, 0.9634, 0.2145

Inverse Universe

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



33.3618, 21.8926, 47.2680



56.5575, 33.2313, 82.3410



29.2336, 20.2414, 25.5293



9.9038, 9.6858, 11.8823



19.4907, 9.4274, 28.9415



0.7713, 0.3724, 1.1747

Previews

White Background



This preview shows how the XYZ color 24.8158, 39.5523, 17.8817 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 24.8158, 39.5523, 17.8817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

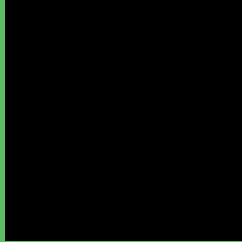
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.8158, 39.5523, 17.8817

Background



This preview shows how black text looks on a background with the XYZ color 24.8158, 39.5523, 17.8817.



This preview shows how white text looks on a background with the XYZ color 24.8158, 39.5523,

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

24.8158, 39.5523, 17.8817

Protanopia

35.8985, 39.0749, 15.5477

Deuteranopia

39.4777, 38.7181, 18.7572



Tritanopia

32.3561, 39.2018, 56.3134

Trichromacy



Original Color

24.8158, 39.5523, 17.8817



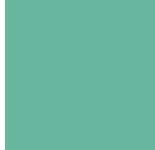
Protanomaly

30.3082, 38.4381, 16.4116



Deuteranomaly

31.8615, 37.7665, 18.1808



Tritanomaly

28.7252, 38.9278, 38.3476

Monochromacy



Original Color

24.8158, 39.5523, 17.8817



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.4255, 32.8567, 26.4219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8158, 39.5523, 17.8817 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(92, 189, 98)` looks like.

```
.text, #text, p{  
    color:rgb(92, 189, 98)  
}
```

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(92, 189, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 189, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.8158, 39.5523, 17.8817 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(92, 189, 98) }
```


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

```
.border{ border-color:rgb(92, 189, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 189, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 189, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 189, 98);  
box-shadow:4px 4px 4px 4px rgb(92, 189,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8158, 39.5523, 17.8817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 189, 98) }
```

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

```
.background{ background-color: rgb(92, 189,  
98) }
```

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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