

Converting Colors

XYZ(25.1217, 17.9223, 2.9054)

Have a look what the booklet for
XYZ(25.1217, 17.9223, 2.9054)
contains.

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Color

**XYZ(25.2108, 17.9200,
2.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	C05616
RGB	192, 86, 22
RGB Percent	75%, 34%, 9%
CMY	0.2471, 0.6627, 0.9137
CMYK	0.00, 0.55, 0.89, 0.25
HSL	23°, 79%, 42%
HSV	23°, 89%, 75%
XYZ	25.2108, 17.9200, 2.8892
YIQ	110.3980, 83.7200, 2.5680

Conversions

Conversions Part 2

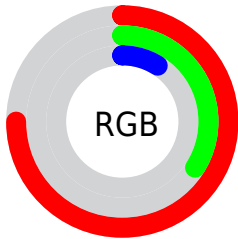
Format	Color
RYB	192, 125, 22
Decimal	12604950
CIELab	49.40, 39.37, 53.10
CIElCh	49, 66.103, 53.451
Yxy	17.9200, 0.5478, 0.3894
Android (android.graphics.Color)	4290795030 (0xFFC05616)
YUV	110.3980, -43.5802, 71.5650
Hunter-Lab	42.3320, 32.2245, 25.5858

Details

The XYZ color **25.2108, 17.9200, 2.8892** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **17.5637, 19.4132, 52.6900**, and the grayscale version is **15.0409, 15.8242, 17.2326**.

A 20% lighter version of the original color is **51.5311, 39.9180, 11.2923**, and **9.9611, 6.0274, 0.6384** is the 20% darker color. If you saturate the color by 10%, you get **24.2045, 16.1149, 1.9152**, and if you desaturate by 10%, it is **26.5074, 20.0991, 4.5988**.

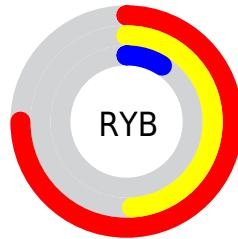
Distribution



Red (75%)

Green (34%)

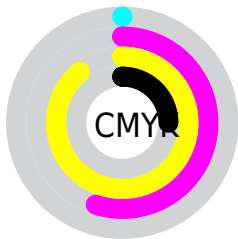
Blue (9%)



Red (75%)

Yellow (49%)

Blue (9%)

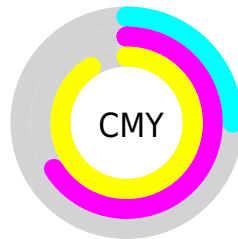


Cyan (0%)

Magenta (55%)

Yellow (89%)

Black (25%)



Cyan (25%)


Magenta (66%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2108, 17.9200, 2.8892 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 25.2108, 17.9200, 2.8892 by changing the saturation by 10% instead.


 25.2108, 17.9200,
2.8892

 25.2108, 17.9200,
2.8892


271.2144,
240.4197, 134.9367


 16.3637, 10.8926,
1.0383

 51.4394, 39.9010,
11.3538


 9.8744, 5.9946,
0.0000


 69.5517, 55.6233,
18.8046

 5.3774, 2.8418,
0.0000

 91.4831, 75.0127,
28.9591

 2.5074, 1.0497,
0.0000

 117.5990, 98.4536,
42.2359

 0.8990, 0.0000,
0.0000

 148.2647,
126.3303, 59.0536

 0.0000, 0.0000,
0.0000

 183.8456,

159.0273, 79.8305

224.7071,
196.9290, 104.9854

25.2108, 17.9200,
2.8892

25.2108, 17.9200,
2.8892

24.2045, 16.1149,
1.9152

26.5074, 20.0991,
4.5988

24.0741, 15.8785,
1.7960

28.1347, 22.6778,
7.2253

30.1210, 25.6792,
10.8816

32.4907, 29.1236,
15.6638

35.2658, 33.0297,
21.6568

■ 38.4663, 37.4152,
28.9373

■ 42.1109, 42.2964,
37.5757

■ 46.2171, 47.6891,
47.6370

■ 50.8013, 53.6083,
59.1821

Harmonies

Analogous

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



30.5592, 17.9200, 8.7937



25.2108, 17.9200, 2.8892



18.4360, 17.9200, 1.4208

Triad

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



25.2108, 17.9200, 2.8892



7.6863, 17.9200, 15.8537



22.2597, 17.9200, 70.9602

Complementary

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



25.2108, 17.9200, 2.8892



17.5637, 19.4132, 52.6900

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.



15.7020, 17.9200, 77.3144



25.2108, 17.9200, 2.8892



8.2352, 17.9200, 36.6020

Square

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



25.2108, 17.9200, 2.8892



9.1061, 17.9200, 5.3803



10.8469, 17.9200, 62.1006



28.5854, 17.9200, 47.9121

Rectangle

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



25.2108, 17.9200, 2.8892



14.3945, 17.9200, 1.5496



10.8469, 17.9200, 62.1006



19.9744, 17.9200, 75.5320

Sweetspot

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



25.2112, 17.9210, 2.8895



70.3909, 68.7300, 54.0439



26.0319, 13.3830, 22.2132



14.6476, 14.1298, 10.5426



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.2112, 17.9210, 2.8895



43.3991, 28.3267, 3.1802



36.1328, 39.7642, 6.5300



10.3770, 10.6854, 10.5774



16.2689, 10.8236, 1.2317



0.7694, 0.6006, 0.0754

Inverse Universe

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



17.5637, 19.4132, 52.6900



29.0964, 30.6095, 94.7350



10.7710, 5.8279, 50.4258



10.0396, 10.7705, 12.8346



10.9751, 11.7068, 35.2378



0.5387, 0.6349, 1.5440

Previews

White Background



This preview shows how the XYZ color 25.2108, 17.9200, 2.8892 looks on a white 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 × Fail

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 × Fail

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

XYZ 25.2108, 17.9200, 2.8892

Background



This preview shows how black text looks on a background with the XYZ color 25.2108, 17.9200, 2.8892.



This preview shows how white text looks on a background with the XYZ color 25.2108, 17.9200,

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

25.2108, 17.9200, 2.8892

Protanopia

16.3856, 18.0371, 3.8462

Deuteranopia

18.1886, 17.9779, 2.5114



Tritanopia

26.7965, 17.8785, 10.8427

Trichromacy



Original Color

25.2108, 17.9200, 2.8892

Protanomaly

18.6783, 17.2572, 3.3834

Deuteranomaly

20.4111, 17.7174, 2.5737

Tritanomaly

25.9068, 17.7309, 6.7596

Monochromacy



Original Color

25.2108, 17.9200, 2.8892

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.8440, 15.4329, 9.2988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2108, 17.9200, 2.8892 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(192, 86, 22)` looks like.

```
.text, #text, p{  
    color:rgb(192, 86, 22)  
}
```

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(192, 86, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 86, 22) }
```

Border

The CSS property to change the border of an element to XYZ 25.2108, 17.9200, 2.8892 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(192, 86, 22) }
```


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

```
.border{ border-color:rgb(192, 86, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 86, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 86, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 86, 22);  
box-shadow:4px 4px 4px 4px rgb(192, 86,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2108, 17.9200, 2.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 86, 22) }
```

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

```
.background{ background-color: rgb(192, 86,  
22) }
```

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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