

Converting Colors

XYZ(25.1955, 17.5921, 4.8300)

Have a look what the booklet for
XYZ(25.1955, 17.5921, 4.8300)
contains.

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Color

**XYZ(25.1897, 17.6304,
4.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5430
RGB	191, 84, 48
RGB Percent	75%, 33%, 19%
CMY	0.2510, 0.6706, 0.8118
CMYK	0.00, 0.56, 0.75, 0.25
HSL	15°, 60%, 47%
HSV	15°, 75%, 75%
XYZ	25.1897, 17.6304, 4.8717
YIQ	111.8890, 75.3280, 11.4880

Conversions

Conversions Part 2

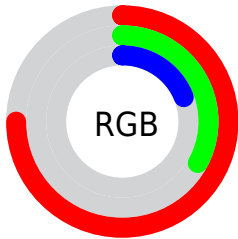
Format	Color
R_{YB}	191, 96, 48
Decimal	12538928
CIE _{Lab}	49.04, 40.80, 41.14
CIE _{LCh}	49, 57.945, 45.239
Yxy	17.6304, 0.5282, 0.3697
Android (android.graphics.Color)	4290729008 (0xFFBF5430)
YUV	111.8890, -31.4973, 69.3803
Hunter-Lab	41.9886, 33.6054, 22.5129

Details

The XYZ color **25.1897, 17.6304, 4.8717** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.3433, 27.8308, 53.4842**, and the grayscale version is **15.4431, 16.2474, 17.6934**.

A 20% lighter version of the original color is **51.4235, 39.3355, 15.9485**, and **9.8766, 5.8583, 0.6102** is the 20% darker color. If you saturate the color by 10%, you get **23.8787, 15.5094, 2.8911**, and if you desaturate by 10%, it is **26.8975, 20.2739, 7.8218**.

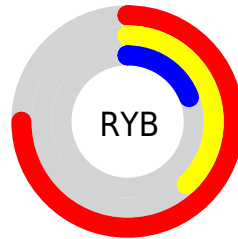
Distribution



Red (75%)

Green (33%)

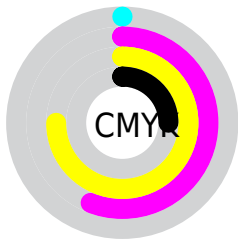
Blue (19%)



Red (75%)

Yellow (38%)

Blue (19%)

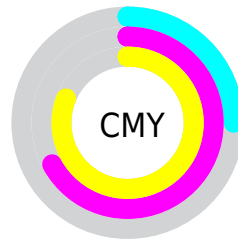


Cyan (0%)

Magenta (56%)

Yellow (75%)

Black (25%)



Cyan (25%)


Magenta (67%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1897, 17.6304, 4.8717 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 25.1897, 17.6304, 4.8717 by changing the saturation by 10% instead.


 25.1897, 17.6304,
4.8717


 25.1897, 17.6304,
4.8717

271.1116,
238.7795, 157.4708


 16.3479, 10.6850,
2.1148


 51.4055, 39.4065,
15.9749


 9.8631, 5.8554,
0.6245


 69.5102, 55.0060,
25.1583

 5.3698, 2.7574,
0.0000

 91.4333, 74.2589,
37.3208

 2.5028, 1.0064,
0.0000

 117.5401, 97.5497,
52.8811

 0.8967, 0.0000,
0.0000

 148.1960,
125.2628, 72.2578

 0.0000, 0.0000,
0.0000

 183.7663,

157.7825, 95.8692

224.6164,
195.4933, 124.1341

■ 25.1897, 17.6304,
4.8717

■ 25.1897, 17.6304,
4.8717

■ 23.8787, 15.5094,
2.8911

■ 26.8975, 20.2739,
7.8218

■ 22.9259, 13.8707,
1.7504

■ 29.0329, 23.4700,
11.8467

■ 22.5464, 13.1977,
1.3591

■ 31.6248, 27.2499,
17.0389

■ 34.6992, 31.6416,
23.4807

■ 38.2799, 36.6710,
31.2468

■ 42.3891, 42.3627,
40.4060

■ 47.0477, 48.7399,
51.0223

■ 52.2753, 55.8246,
63.1558

■ 58.0907, 63.6379,
76.8631

Harmonies

Analogous

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



28.9138, 17.6304, 12.3893



25.1897, 17.6304, 4.8717



19.5463, 17.6304, 2.4047

Triad

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



25.1897, 17.6304, 4.8717



8.5843, 17.6304, 12.5693



19.6392, 17.6304, 64.5976

Complementary

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



25.1897, 17.6304, 4.8717



22.3433, 27.8308, 53.4842

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.



14.2469, 17.6304, 64.7420



25.1897, 17.6304, 4.8717



8.5986, 17.6304, 28.1281

Square

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



25.1897, 17.6304, 4.8717



10.4094, 17.6304, 4.9424



10.4541, 17.6304, 49.0245



25.2702, 17.6304, 48.6973

Rectangle

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



25.1897, 17.6304, 4.8717



15.8262, 17.6304, 2.1963



10.4541, 17.6304, 49.0245



17.7239, 17.6304, 66.6902

Sweetspot

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



25.1901, 17.6314, 4.8720



70.3239, 68.1339, 59.8576



28.4802, 15.5653, 32.6239



15.0213, 14.3752, 12.2146



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.



25.1901, 17.6314, 4.8720



41.5805, 25.7601, 3.6854



33.7823, 34.8157, 7.7361



9.7202, 9.9163, 9.9784



14.8726, 8.7839, 0.9116



0.6367, 0.4524, 0.0538

Inverse Universe

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



22.3433, 27.8308, 53.4842



35.9329, 44.3322, 94.9422



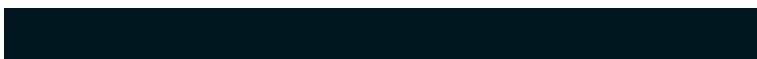
13.7739, 10.6920, 50.6277



9.5997, 10.3916, 12.1720



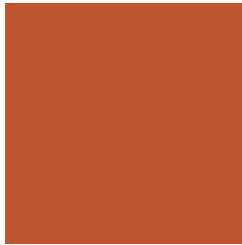
12.6931, 15.4979, 34.7153



0.5464, 0.7055, 1.3762

Previews

White Background



This preview shows how the XYZ color 25.1897, 17.6304, 4.8717 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



This preview shows how the XYZ color 25.1897, 17.6304, 4.8717 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 × Fail

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

XYZ 25.1897, 17.6304, 4.8717

Background



This preview shows how black text looks on a background with the XYZ color 25.1897, 17.6304, 4.8717.



This preview shows how white text looks on a background with the XYZ color 25.1897, 17.6304,

4.8717.

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

25.1897, 17.6304, 4.8717

Protanopia

16.3309, 17.7739, 6.5730

Deuteranopia

17.9387, 17.6400, 4.5572



Tritanopia

26.5007, 17.7307, 10.6199

Trichromacy



Original Color

25.1897, 17.6304, 4.8717

Protanomaly

18.6663, 17.0449, 5.7962

Deuteranomaly

20.0086, 17.1706, 4.6426

Tritanomaly

25.8504, 17.5592, 8.1577

Monochromacy



Original Color

25.1897, 17.6304, 4.8717

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.5390, 15.8867, 11.5932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1897, 17.6304, 4.8717 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(191, 84, 48)` looks like.

```
.text, #text, p{  
    color:rgb(191, 84, 48)  
}
```

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(191, 84, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 84, 48) }
```

Border

The CSS property to change the border of an element to XYZ 25.1897, 17.6304, 4.8717 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(191, 84, 48) }
```


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

```
.border{ border-color:rgb(191, 84, 48) }
```

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

Here you see how a box with a 4 pixel rgb(191, 84, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 84, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 84, 48);  
box-shadow:4px 4px 4px 4px rgb(191, 84,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1897, 17.6304, 4.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 84, 48) }
```

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

```
.background{ background-color: rgb(191, 84,  
48) }
```

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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