

Converting Colors

XYZ(28.5180, 23.8414, 5.9545)

Have a look what the booklet for
XYZ(28.5180, 23.8414, 5.9545)
contains.

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Color

**XYZ(28.5380, 23.9190,
6.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	C07431
RGB	192, 116, 49
RGB Percent	75%, 45%, 19%
CMY	0.2471, 0.5451, 0.8078
CMYK	0.00, 0.40, 0.74, 0.25
HSL	28°, 59%, 47%
HSV	28°, 74%, 75%
XYZ	28.5380, 23.9190, 6.0184
YIQ	131.0860, 66.8030, -4.7250

Conversions

Conversions Part 2

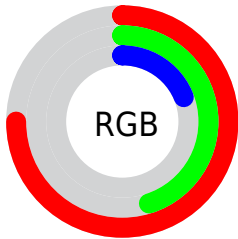
Format	Color
R _Y B	192, 175, 49
Decimal	12612657
CIE Lab	56.01, 24.44, 47.96
CIE LCh	56, 53.830, 63.002
Yxy	23.9190, 0.4880, 0.4090
Android (android.graphics.Color)	4290802737 (0xFFC07431)
YUV	131.0860, -40.4684, 53.4216
Hunter-Lab	48.9071, 18.5701, 26.9388

Details

The XYZ color **28.5380, 23.9190, 6.0184** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.1141, 19.1248, 52.6056**, and the grayscale version is **21.7281, 22.8597, 24.8942**.

A 20% lighter version of the original color is **56.7628, 49.7888, 18.4228**, and **11.6800, 9.0009, 1.1217** is the 20% darker color. If you saturate the color by 10%, you get **27.1036, 21.5665, 3.9493**, and if you desaturate by 10%, it is **30.2753, 26.6015, 9.0401**.

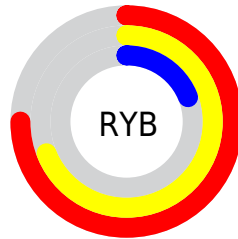
Distribution



Red (75%)

Green (45%)

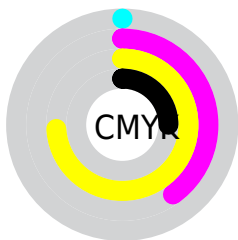
Blue (19%)



Red (75%)

Yellow (69%)

Blue (19%)

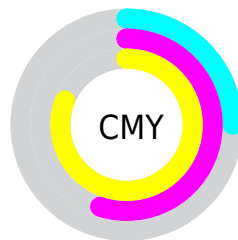


Cyan (0%)

Magenta (40%)

Yellow (74%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5380, 23.9190, 6.0184 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 28.5380, 23.9190, 6.0184 by changing the saturation by 10% instead.


 28.5380, 23.9190,
6.0184


 28.5380, 23.9190,
6.0184

287.0625,
272.4107, 168.5471


 18.8741, 15.2735,
2.7873


 56.7449, 49.8980,
18.4474


 11.6828, 9.0116,
0.9871


 76.0186, 68.0003,
28.4824

 6.5987, 4.7487,
0.0000


 99.2264, 90.0237,
41.6224

 3.2565, 2.1006,
0.0000

 126.7335,
116.3526, 58.2860

 1.2908, 0.6650,
0.0000

 158.9053,
147.3713, 78.8917

 0.1763, 0.0000,
0.0000

 196.1072,

 0.0000, 0.0000,

183.4643, 103.8581

0.0000

238.7044,
225.0160, 133.6037

■ 28.5380, 23.9190,
6.0184

■ 28.5380, 23.9190,
6.0184

■ 27.1036, 21.5665,
3.9493

■ 30.2753, 26.6015,
9.0401

■ 25.9426, 19.5223,
2.7055

■ 32.3372, 29.6259,
13.1171

■ 25.3913, 18.5127,
2.2350

■ 34.7451, 33.0078,
18.3401

■ 37.5177, 36.7606,
24.7897

■ 40.6720, 40.8967,
32.5388

■ 44.2241, 45.4279,
41.6550

■ 48.1889, 50.3655,
52.2007

■ 52.5805, 55.7201,
64.2348

■ 57.4124, 61.5020,
77.8127

Harmonies

Analogous

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



34.1675, 23.9190, 11.6065



28.5380, 23.9190, 6.0184



22.1204, 23.9190, 4.7474

Triad

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



28.5380, 23.9190, 6.0184



12.8494, 23.9190, 27.8586



29.8050, 23.9190, 66.0383

Complementary

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



28.5380, 23.9190, 6.0184



18.1141, 19.1248, 52.6056

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.



23.3595, 23.9190, 76.6374



28.5380, 23.9190, 6.0184



14.1869, 23.9190, 49.1964

Square

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



28.5380, 23.9190, 6.0184



13.7393, 23.9190, 13.4934



17.7762, 23.9190, 69.3929



34.9869, 23.9190, 44.6482

Rectangle

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



28.5380, 23.9190, 6.0184



18.4181, 23.9190, 5.6503



17.7762, 23.9190, 69.3929



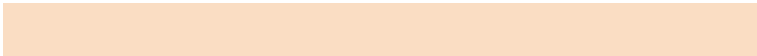
27.6770, 23.9190, 71.3292

Sweetspot

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



28.5385, 23.9202, 6.0188



75.0028, 75.7877, 62.2589



26.5552, 14.8907, 20.9662



15.7317, 15.7959, 12.4514



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.



28.5385, 23.9202, 6.0188



47.8031, 36.8091, 5.6522



40.1123, 47.0677, 9.8767



10.4536, 10.8386, 10.6030



17.1623, 12.6103, 1.5295



0.8105, 0.6827, 0.0891

Inverse Universe

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



18.1141, 19.1248, 52.6056



27.9352, 27.5966, 94.2146



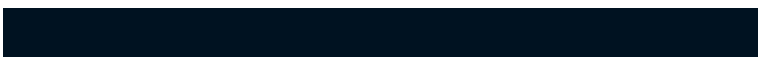
12.0895, 7.0756, 50.5974



9.9615, 10.6143, 12.8086



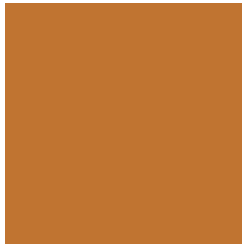
9.6803, 9.1171, 34.8062



0.4868, 0.5309, 1.5267

Previews

White Background



This preview shows how the XYZ color 28.5380, 23.9190, 6.0184 looks on a white background.

Color Contrast Check

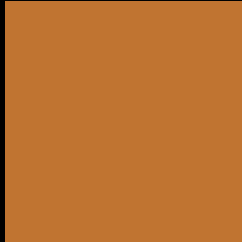
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5380, 23.9190, 6.0184 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 28.5380, 23.9190, 6.0184

Background



This preview shows how black text looks on a background with the XYZ color 28.5380, 23.9190, 6.0184.



This preview shows how white text looks on a background with the XYZ color 28.5380, 23.9190,

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

28.5380, 23.9190, 6.0184

Protanopia

21.9075, 24.0783, 6.9830

Deuteranopia

24.3413, 23.9526, 5.8230



Tritanopia

31.4445, 23.9574, 19.7966

Trichromacy



Original Color

28.5380, 23.9190, 6.0184

Protanomaly

23.8561, 23.6856, 6.5632

Deuteranomaly

25.8323, 23.9597, 5.8479

Tritanomaly

30.2316, 23.9631, 13.1572

Monochromacy



Original Color

28.5380, 23.9190, 6.0184

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9467, 22.6336, 15.4712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5380, 23.9190, 6.0184 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, 116, 49)` looks like.

```
.text, #text, p{  
    color:rgb(192, 116, 49)  
}
```

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, 116, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 116, 49) }
```

Border

The CSS property to change the border of an element to XYZ 28.5380, 23.9190, 6.0184 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, 116, 49) }
```


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

```
.border{ border-color:rgb(192, 116, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 116, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 116, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 116, 49);  
box-shadow:4px 4px 4px 4px rgb(192, 116,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5380, 23.9190, 6.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 116, 49) }
```

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

```
.background{ background-color: rgb(192,  
116, 49) }
```

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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