

Converting Colors

XYZ(30.1203, 24.8835, 5.7067)

Have a look what the booklet for
XYZ(30.1203, 24.8835, 5.7067)
contains.

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Color

**XYZ(30.1236, 24.9178,
5.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	C6752D
RGB	198, 117, 45
RGB Percent	78%, 46%, 18%
CMY	0.2235, 0.5412, 0.8235
CMYK	0.00, 0.41, 0.77, 0.22
HSL	28°, 63%, 48%
HSV	28°, 77%, 78%
XYZ	30.1236, 24.9178, 5.7046
YIQ	133.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

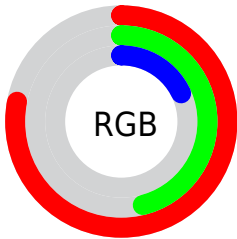
Format	Color
R_{YB}	198, 181, 45
Decimal	13006125
CIE Lab	57.00, 26.26, 51.02
CIE LCh	57, 57.380, 62.759
Yxy	24.9178, 0.4959, 0.4102
Android (android.graphics.Color)	4291196205 (0xFFC6752D)
YUV	133.0110, -43.3894, 56.9954
Hunter-Lab	49.9177, 20.3625, 28.1667

Details

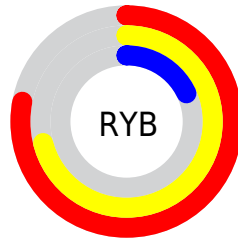
The XYZ color **30.1236, 24.9178, 5.7046** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.7356, 19.5558, 56.2127**, and the grayscale version is **22.4339, 23.6022, 25.7028**.

A 20% lighter version of the original color is **57.7260, 50.8540, 17.8396**, and **12.5484, 9.5375, 1.1796** is the 20% darker color. If you saturate the color by 10%, you get **28.6744, 22.4932, 3.7615**, and if you desaturate by 10%, it is **31.8894, 27.6900, 8.6351**.

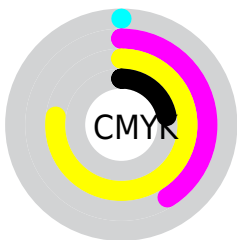
Distribution



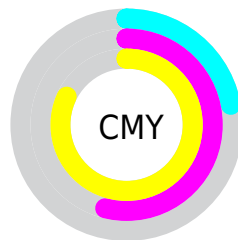
- Red (78%)
- Green (46%)
- Blue (18%)



- Red (78%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (77%)
- Black (22%)





- Cyan (22%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1236, 24.9178, 5.7046 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 30.1236, 24.9178, 5.7046 by changing the saturation by 10% instead.


 30.1236, 24.9178,
5.7046


 30.1236, 24.9178,
5.7046


294.3797,
277.4283, 165.6185


 20.0810, 16.0158,
2.6004


 59.2429, 51.5238,
17.7816

 12.5625, 9.5354,
0.8927

 79.0502, 69.9967,
27.5915

 7.2029, 5.0920,
0.0000


 102.8432, 92.4286,
40.4737

 3.6368, 2.3013,
0.0000

 130.9871,
119.2040, 56.8468

 1.4988, 0.7744,
0.0000

 163.8474,
150.7073, 77.1292

 0.3250, 0.0000,
0.0000

 201.7893,

 0.0000, 0.0000,

187.3229, 101.7397

0.0000

245.1783,
229.4351, 131.0966

■ 30.1236, 24.9178,
5.7046

■ 30.1236, 24.9178,
5.7046

■ 28.6744, 22.4932,
3.7615

■ 31.8894, 27.6900,
8.6351

■ 27.5048, 20.3910,
2.6413

■ 33.9965, 30.8234,
12.6695

■ 27.2189, 19.8664,
2.4000

■ 36.4684, 34.3349,
17.9093

■ 39.3259, 38.2391,
24.4441

■ 42.5879, 42.5497,
32.3548

■ 46.2717, 47.2794,
41.7154

■ 50.3939, 52.4404,
52.5950

■ 54.9698, 58.0444,
65.0579

■ 60.0141, 64.1024,
79.1648

Harmonies

Analogous

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



36.3370, 24.9178, 11.5973



30.1236, 24.9178, 5.7046



23.0653, 24.9178, 4.3823

Triad

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



30.1236, 24.9178, 5.7046



12.9555, 24.9178, 28.9573



31.4099, 24.9178, 71.8334

Complementary

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



30.1236, 24.9178, 5.7046



18.7356, 19.5558, 56.2127

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.



24.3129, 24.9178, 83.6407



30.1236, 24.9178, 5.7046



14.3726, 24.9178, 52.5733

Square

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



30.1236, 24.9178, 5.7046



13.9301, 24.9178, 13.4433



18.2339, 24.9178, 75.3070



37.1731, 24.9178, 47.9089

Rectangle

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



30.1236, 24.9178, 5.7046



19.0161, 24.9178, 5.2819



18.2339, 24.9178, 75.3070



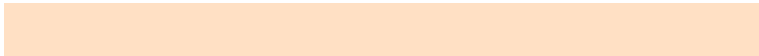
29.0584, 24.9178, 77.7551

Sweetspot

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



30.1242, 24.9191, 5.7051



77.8864, 78.5469, 63.4897



28.0318, 15.4045, 21.4385



16.1763, 16.1721, 12.3484



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.1242, 24.9191, 5.7051



49.2586, 37.1245, 5.1354



42.8099, 50.2905, 9.9336



11.0386, 11.4463, 11.1903



17.7855, 13.0882, 1.5889



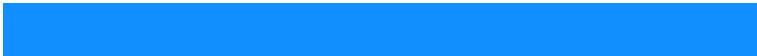
0.9145, 0.7645, 0.0994

Inverse Universe

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



18.7356, 19.5558, 56.2127



28.1781, 27.1101, 98.3554



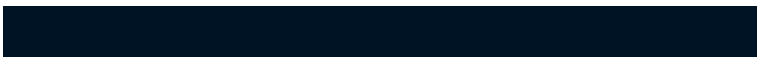
12.4202, 6.9251, 54.1076



10.5137, 11.2014, 13.5254



9.9882, 9.3703, 36.0266



0.5450, 0.5879, 1.7299

Previews

White Background



This preview shows how the XYZ color 30.1236, 24.9178, 5.7046 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 30.1236, 24.9178, 5.7046 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 30.1236, 24.9178, 5.7046

Background



This preview shows how black text looks on a background with the XYZ color 30.1236, 24.9178, 5.7046.



This preview shows how white text looks on a background with the XYZ color 30.1236, 24.9178,

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

30.1236, 24.9178, 5.7046

Protanopia

22.8229, 25.1883, 6.7909

Deuteranopia

25.3789, 24.8891, 5.4740



Tritanopia

33.2031, 25.0164, 20.2182

Trichromacy



Original Color

30.1236, 24.9178, 5.7046

Protanomaly

24.8992, 24.6220, 6.3459

Deuteranomaly

26.8076, 24.6582, 5.5371

Tritanomaly

31.8808, 24.9831, 13.0394

Monochromacy



Original Color

30.1236, 24.9178, 5.7046

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.8430, 23.2864, 15.5500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1236, 24.9178, 5.7046 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(198, 117, 45)` looks like.

```
.text, #text, p{  
    color:rgb(198, 117, 45)  
}
```

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(198, 117, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 117, 45) }
```

Border

The CSS property to change the border of an element to XYZ 30.1236, 24.9178, 5.7046 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(198, 117, 45) }
```


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

```
.border{ border-color:rgb(198, 117, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 117, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 117, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 117, 45);  
box-shadow:4px 4px 4px 4px rgb(198, 117,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1236, 24.9178, 5.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 117, 45) }
```

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

```
.background{ background-color: rgb(198,  
117, 45) }
```

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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