

Converting Colors

XYZ(30.9057, 23.2185, 5.7818)

Have a look what the booklet for
XYZ(30.9057, 23.2185, 5.7818)
contains.

XYZ(30.9583, 23.2442, 5.7606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.9583, 23.2442,
5.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6831
RGB	206, 104, 49
RGB Percent	81%, 41%, 19%
CMY	0.1922, 0.5921, 0.8078
CMYK	0.00, 0.50, 0.76, 0.19
HSL	21°, 62%, 50%
HSV	21°, 76%, 81%
XYZ	30.9583, 23.2442, 5.7606
YIQ	128.2280, 78.4470, 4.5190

Conversions

Conversions Part 2

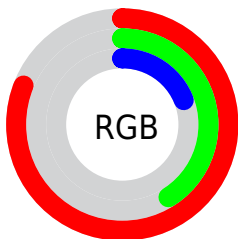
Format	Color
R _Y B	206, 134, 49
Decimal	13527089
CIE Lab	55.32, 36.59, 47.89
CIE LCh	55, 60.269, 52.616
Yxy	23.2442, 0.5163, 0.3876
Android (android.graphics.Color)	4291717169 (0xFFCE6831)
YUV	128.2280, -39.0594, 68.2060
Hunter-Lab	48.2122, 30.2480, 26.6644

Details

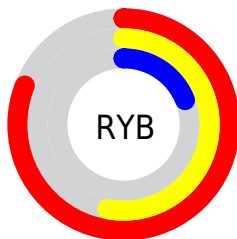
The XYZ color **30.9583, 23.2442, 5.7606** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.4729, 27.2406, 62.4129**, and the grayscale version is **20.7101, 21.7887, 23.7278**.

A 20% lighter version of the original color is **55.5016, 46.2558, 17.5583**, and **12.9962, 8.6581, 0.9862** is the 20% darker color. If you saturate the color by 10%, you get **29.3769, 20.6256, 3.5568**, and if you desaturate by 10%, it is **32.9531, 26.3724, 9.0822**.

Distribution



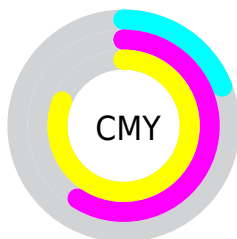
- Red (81%)
- Green (41%)
- Blue (19%)



- Red (81%)
- Yellow (53%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (19%)





- Cyan (19%)
- Magenta (59%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9583, 23.2442, 5.7606 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 30.9583, 23.2442, 5.7606 by changing the saturation by 10% instead.


 30.9583, 23.2442,
5.7606


 30.9583, 23.2442,
5.7606


298.1765,
268.9768, 166.1463


 20.7188, 14.7739,
2.6336


 60.5507, 48.7940,
17.9009

 13.0299, 8.6609,
0.9097


 80.6343, 66.6423,
27.7514

 7.5263, 4.5207,
0.0000

 104.7299, 88.3854,
40.6801

 3.8426, 1.9689,
0.0000

 133.2030,
114.4077, 57.1056

 1.6135, 0.5893,
0.0000

 166.4188,
145.0936, 77.4465

 0.4012, 0.0000,
0.0000

 204.7428,

 0.0000, 0.0000,

180.8275, 102.1212

0.0000

248.5402,
221.9938, 131.5483

■ 30.9583, 23.2442,
5.7606

■ 30.9583, 23.2442,
5.7606

■ 29.3769, 20.6256,
3.5568

■ 32.9531, 26.3724,
9.0822

■ 28.1670, 18.4804,
2.3065

■ 35.3932, 30.0347,
13.6497

■ 27.7820, 17.7789,
1.9674

■ 38.3084, 34.2584,
19.5751

■ 41.7255, 39.0674,
26.9572

■ 45.6688, 44.4843,
35.8856

■ 50.1611, 50.5302,
46.4426

■ 55.2237, 57.2253,
58.7047

■ 60.8767, 64.5887,
72.7435

■ 67.1392, 72.6390,
88.6263

Harmonies

Analogous

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



36.3889, 23.2442, 13.5263



30.9583, 23.2442, 5.7606



23.8052, 23.2442, 3.4359

Triad

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



30.9583, 23.2442, 5.7606



11.5500, 23.2442, 20.8215



27.4759, 23.2442, 77.5451

Complementary

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



30.9583, 23.2442, 5.7606



23.4729, 27.2406, 62.4129

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.



20.4647, 23.2442, 83.0564



30.9583, 23.2442, 5.7606



12.1382, 23.2442, 42.4859

Square

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



30.9583, 23.2442, 5.7606



13.2932, 23.2442, 8.7716



15.1056, 23.2442, 67.8876



34.1093, 23.2442, 55.2929

Rectangle

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



30.9583, 23.2442, 5.7606



19.3747, 23.2442, 3.5941



15.1056, 23.2442, 67.8876



25.0542, 23.2442, 81.7605

Sweetspot

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



30.9588, 23.2455, 5.7610



76.0304, 74.8348, 62.8710



32.1418, 17.5545, 30.9938



15.7314, 15.2824, 12.2001



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.



30.9588, 23.2455, 5.7610



46.3697, 31.2727, 4.4003



42.8280, 46.9839, 9.7174



11.5285, 11.8459, 11.7583



17.1902, 11.1133, 1.2391



0.9577, 0.7150, 0.0875

Inverse Universe

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



23.4729, 27.2406, 62.4129



33.4803, 37.5578, 100.0925



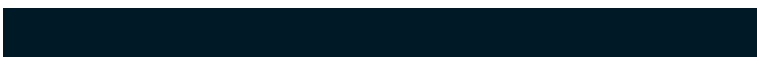
14.7604, 9.8155, 59.5088



11.1996, 12.0397, 14.3040



12.1887, 13.4014, 37.9006



0.6983, 0.8304, 1.9784

Previews

White Background



This preview shows how the XYZ color 30.9583, 23.2442, 5.7606 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 30.9583, 23.2442, 5.7606 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 30.9583, 23.2442, 5.7606

Background



This preview shows how black text looks on a background with the XYZ color 30.9583, 23.2442, 5.7606.



This preview shows how white text looks on a background with the XYZ color 30.9583, 23.2442,

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

30.9583, 23.2442, 5.7606

Protanopia

21.3388, 23.3664, 7.2564

Deuteranopia

23.8151, 23.3044, 5.4335



Tritanopia

33.2120, 23.3106, 16.1135

Trichromacy



Original Color

30.9583, 23.2442, 5.7606

Protanomaly

23.9876, 22.6204, 6.5919

Deuteranomaly

26.0081, 22.9701, 5.5455

Tritanomaly

32.2093, 23.1801, 11.3709

Monochromacy



Original Color

30.9583, 23.2442, 5.7606

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.5593, 21.1624, 14.7001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9583, 23.2442, 5.7606 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(206, 104, 49)` looks like.

```
.text, #text, p{  
    color:rgb(206, 104, 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(206, 104, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 104, 49) }
```

Border

The CSS property to change the border of an element to XYZ 30.9583, 23.2442, 5.7606 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(206, 104, 49) }
```


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

```
.border{ border-color:rgb(206, 104, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 104, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 104, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 104, 49);  
box-shadow:4px 4px 4px 4px rgb(206, 104,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9583, 23.2442, 5.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 104, 49) }
```

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

```
.background{ background-color: rgb(206,  
104, 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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