

Converting Colors

XYZ(30.5562, 21.7338, 10.4877)

Have a look what the booklet for
XYZ(30.5562, 21.7338, 10.4877)
contains.

XYZ(30.6077, 21.8123, 10.5796)	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(30.6077, 21.8123,
10.5796)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6052
RGB	204, 96, 82
RGB Percent	80%, 38%, 32%
CMY	0.2000, 0.6235, 0.6784
CMYK	0.00, 0.53, 0.60, 0.20
HSL	7°, 54%, 56%
HSV	7°, 60%, 80%
XYZ	30.6077, 21.8123, 10.5796
YIQ	126.6960, 68.8620, 18.5420

Conversions

Conversions Part 2

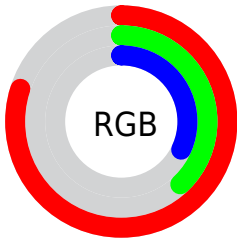
Format	Color
RYB	204, 98, 82
Decimal	13394002
CIELab	53.83, 41.74, 28.45
CIElCh	54, 50.508, 34.277
Yxy	21.8123, 0.4858, 0.3462
Android (android.graphics.Color)	4291584082 (0xFFCC6052)
YUV	126.6960, -22.0351, 67.7956
Hunter-Lab	46.7036, 35.2504, 19.2618

Details

The XYZ color **30.6077, 21.8123, 10.5796** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **32.7909, 42.9777, 63.6937**, and the grayscale version is **20.1258, 21.1739, 23.0584**.

A 20% lighter version of the original color is **56.1523, 44.4208, 27.4443**, and **12.9117, 7.9547, 2.6052** is the 20% darker color. If you saturate the color by 10%, you get **28.4811, 18.6222, 6.5935**, and if you desaturate by 10%, it is **33.3445, 25.8538, 15.9076**.

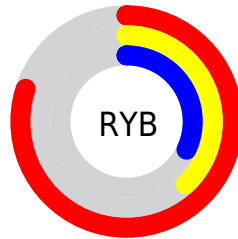
Distribution



Red (80%)

Green (38%)

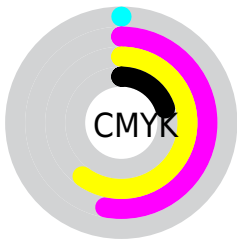
Blue (32%)



Red (80%)

Yellow (38%)

Blue (32%)

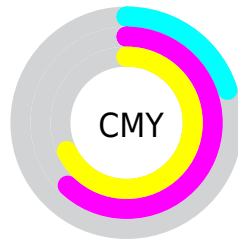


Cyan (0%)

Magenta (53%)

Yellow (60%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6077, 21.8123, 10.5796 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 30.6077, 21.8123, 10.5796 by changing the saturation by 10% instead.

■ 30.6077, 21.8123,
10.5796

■ 30.6077, 21.8123,
10.5796

296.5862,
261.5645, 205.3930

■ 20.4507, 13.7190,
5.6743

■ 60.0020, 46.4356,
27.5048

■ 12.8332, 7.9255,
2.5825

■ 79.9699, 63.7344,
40.3618

■ 7.3900, 4.0473,
0.8834

■ 103.9388, 84.8705,
56.7064

■ 3.7557, 1.7001,
0.0000

■ 132.2741,
110.2283, 76.9572

■ 1.5649, 0.4237,
0.0000

■ 165.3412,
140.1922, 101.5327

■ 0.3693, 0.0000,
0.0000

203.5053,

■ 0.0000, 0.0000,

175.1466, 130.8515

0.0000

247.1318,
215.4759, 165.3321

■ 30.6077, 21.8123,
10.5796

■ 30.6077, 21.8123,
10.5796

■ 28.4811, 18.6222,
6.5935

■ 33.3445, 25.8538,
15.9076

■ 26.9156, 16.2191,
3.8282

■ 36.7323, 30.7982,
22.6822

■ 25.8573, 14.5348,
2.1425

■ 40.8100, 36.6969,
30.9986

■ 25.2259, 13.4822,
1.2843

■ 45.6132, 43.5967,
40.9440

■ 25.2165, 13.4669,
1.2703

■ 51.1749, 51.5409,
52.5989

■ 57.5261, 60.5706,
66.0383

■ 64.6961, 70.7246,
81.3329

■ 72.7125, 82.0396,
98.5496

■ 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



32.9790, 21.8123, 21.5897



30.6077, 21.8123, 10.5796



25.5999, 21.8123, 5.7164

Triad

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



30.6077, 21.8123, 10.5796



12.6789, 21.8123, 12.9953



21.5201, 21.8123, 67.7678

Complementary

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



30.6077, 21.8123, 10.5796



32.7909, 42.9777, 63.6937

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.



16.5239, 21.8123, 62.1395



30.6077, 21.8123, 10.5796



11.9684, 21.8123, 26.0496

Square

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



30.6077, 21.8123, 10.5796



15.3918, 21.8123, 6.6231



13.2481, 21.8123, 44.8755



27.1832, 21.8123, 58.0021

Rectangle

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



30.6077, 21.8123, 10.5796



21.7903, 21.8123, 4.6955



13.2481, 21.8123, 44.8755



19.7085, 21.8123, 67.6356

Sweetspot

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



30.6082, 21.8135, 10.5800



76.9012, 74.1488, 70.6455



37.4113, 22.6689, 52.1566



15.9183, 15.0950, 13.9921



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.



30.6082, 21.8135, 10.5800



46.2589, 29.4575, 9.2765



38.1794, 36.9559, 13.1037



11.3143, 11.4176, 11.6869



15.9069, 8.5467, 0.8113



0.8562, 0.5122, 0.0537

Inverse Universe

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



32.7909, 42.9777, 63.6937



50.0786, 67.3760, 104.9732



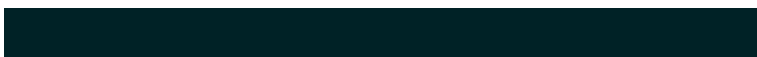
22.4683, 22.3325, 60.2529



11.4290, 12.4985, 14.3805



17.2504, 23.5249, 39.5878



0.9219, 1.2776, 2.0529

Previews

White Background



This preview shows how the XYZ color 30.6077, 21.8123, 10.5796 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 30.6077, 21.8123, 10.5796 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 30.6077, 21.8123, 10.5796

Background



This preview shows how black text looks on a background with the XYZ color 30.6077, 21.8123, 10.5796.



This preview shows how white text looks on a background with the XYZ color 30.6077, 21.8123,

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

30.6077, 21.8123, 10.5796

Protanopia

20.5633, 22.0157, 13.9921

Deuteranopia

22.3271, 21.8698, 10.0657



Tritanopia

31.3914, 21.7279, 14.5960

Trichromacy



Original Color

30.6077, 21.8123, 10.5796

Protanomaly

23.3110, 21.2473, 12.5454

Deuteranomaly

24.7720, 21.3734, 10.2170

Tritanomaly

31.1553, 21.7749, 12.9168

Monochromacy



Original Color

30.6077, 21.8123, 10.5796

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.6322, 20.6070, 17.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6077, 21.8123, 10.5796 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(204, 96, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 96, 82)  
}
```

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(204, 96, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 96, 82) }
```

Border

The CSS property to change the border of an element to XYZ 30.6077, 21.8123, 10.5796 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(204, 96, 82) }
```


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

```
.border{ border-color:rgb(204, 96, 82) }
```

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

Here you see how a box with a 4 pixel rgb(204, 96, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 96, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 96, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 96,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6077, 21.8123, 10.5796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 96, 82) }
```

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

```
.background{ background-color: rgb(204, 96,  
82) }
```

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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