

Converting Colors

XYZ(28.7329, 22.5270, 11.6558)

Have a look what the booklet for
XYZ(28.7329, 22.5270, 11.6558)
contains.

XYZ(28.7805, 22.6035, 11.6501)	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(28.7805, 22.6035,
11.6501)**

Conversions

Conversions Part 1

Format	Color
Hex	C06C56
RGB	192, 108, 86
RGB Percent	75%, 42%, 34%
CMY	0.2471, 0.5764, 0.6627
CMYK	0.00, 0.44, 0.55, 0.25
HSL	12°, 46%, 55%
HSV	12°, 55%, 75%
XYZ	28.7805, 22.6035, 11.6501
YIQ	130.6080, 57.1260, 10.9660

Conversions

Conversions Part 2

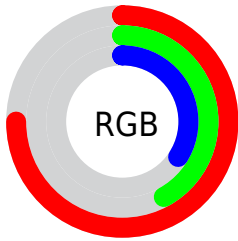
Format	Color
RYB	192, 114, 86
Decimal	12610646
CIELab	54.66, 31.18, 26.88
CIElCh	55, 41.168, 40.767
Yxy	22.6035, 0.4566, 0.3586
Android (android.graphics.Color)	4290800726 (0xFFC06C56)
YUV	130.6080, -21.9917, 53.8408
Hunter-Lab	47.5431, 24.8555, 18.7516

Details

The XYZ color **28.7805, 22.6035, 11.6501** 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 **27.7260, 34.5317, 55.0729**, and the grayscale version is **21.4959, 22.6153, 24.6281**.

A 20% lighter version of the original color is **57.3337, 47.9628, 29.5285**, and **11.7276, 8.2476, 2.9813** is the 20% darker color. If you saturate the color by 10%, you get **26.6414, 19.4015, 7.6196**, and if you desaturate by 10%, it is **31.4085, 26.4510, 16.8690**.

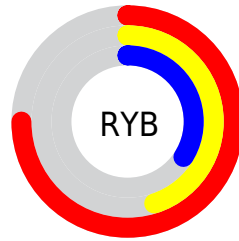
Distribution



Red (75%)

Green (42%)

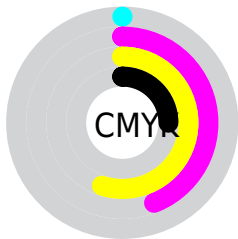
Blue (34%)



Red (75%)

Yellow (45%)

Blue (34%)

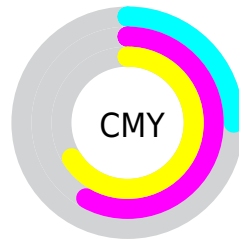


Cyan (0%)

Magenta (44%)

Yellow (55%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7805, 22.6035, 11.6501 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 28.7805, 22.6035, 11.6501 by changing the saturation by 10% instead.


 28.7805, 22.6035,
11.6501


 28.7805, 22.6035,
11.6501


288.1908,
265.6819, 212.9699


 19.0583, 14.3010,
6.3863


 57.1281, 47.7414,
29.5110

 11.8167, 8.3303,
3.0088


 76.4843, 65.3457,
42.9452

 6.6903, 4.3070,
1.0991


 99.7824, 86.8193,
59.9398

 3.3138, 1.8468,
0.0000

 127.3879,
112.5467, 80.9136

 1.3218, 0.5161,
0.0000

 159.6662,
142.9123, 106.2849

 0.1994, 0.0000,
0.0000

196.9825,

 0.0000, 0.0000,

178.3004, 136.4724

0.0000

239.7023,
219.0955, 171.8946

■ 28.7805, 22.6035,
11.6501

■ 28.7805, 22.6035,
11.6501

■ 26.6414, 19.4015,
7.6196

■ 31.4085, 26.4510,
16.8690

■ 24.9579, 16.8055,
4.6817

■ 34.5525, 30.9736,
23.3594

■ 23.6950, 14.7771,
2.7273

■ 38.2393, 36.2031,
31.1984

■ 22.8110, 13.2716,
1.6236

■ 42.4935, 42.1684,
40.4565

■ 22.4921, 12.7145,
1.2687

■ 47.3381, 48.8966,
51.1994

■ 52.7947, 56.4136,
63.4886

■ 58.8840, 64.7440,
77.3820

■ 65.6257, 73.9112,
92.9348

■ 72.4203, 83.6907,
106.9447

Harmonies

Analogous

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



31.2291, 22.6035, 20.2386



28.7805, 22.6035, 11.6501



24.4834, 22.6035, 7.7709

Triad

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



28.7805, 22.6035, 11.6501



14.2636, 22.6035, 17.2734



23.1528, 22.6035, 58.1590

Complementary

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



28.7805, 22.6035, 11.6501



27.7260, 34.5317, 55.0729

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.



18.7400, 22.6035, 56.4839



28.7805, 22.6035, 11.6501



14.0117, 22.6035, 29.5726

Square

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



28.7805, 22.6035, 11.6501



16.2827, 22.6035, 10.1386



15.5383, 22.6035, 44.7622



27.6894, 22.6035, 48.7564

Rectangle

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



28.7805, 22.6035, 11.6501



21.3676, 22.6035, 7.1439



15.5383, 22.6035, 44.7622



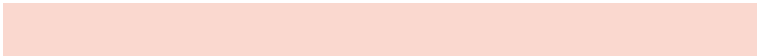
21.6007, 22.6035, 58.9377

Sweetspot

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



28.7810, 22.6047, 11.6505



75.3185, 74.0638, 69.6252



32.3976, 20.7948, 40.7344



15.8151, 15.4088, 14.1871



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.



28.7810, 22.6047, 11.6505



47.6482, 34.2035, 12.6778



36.0234, 37.0893, 14.0646



10.2389, 10.4092, 10.5314



15.1811, 8.6480, 0.8691



0.7067, 0.4752, 0.0545

Inverse Universe

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



27.7260, 34.5317, 55.0729



45.4518, 57.7635, 99.1142



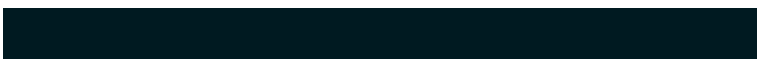
19.8072, 18.6942, 52.4333



10.1853, 11.0619, 12.8832



14.0303, 17.8172, 36.2562



0.6520, 0.8614, 1.5818

Previews

White Background



This preview shows how the XYZ color 28.7805, 22.6035, 11.6501 looks on a white background.

Color Contrast Check

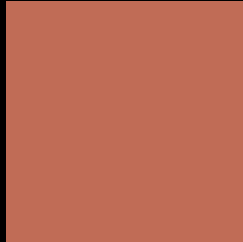
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7805, 22.6035, 11.6501 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 28.7805, 22.6035, 11.6501

Background



This preview shows how black text looks on a background with the XYZ color 28.7805, 22.6035, 11.6501.



This preview shows how white text looks on a background with the XYZ color 28.7805, 22.6035,

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

28.7805, 22.6035, 11.6501

Protanopia

21.2121, 22.7398, 14.3376

Deuteranopia

22.9955, 22.5609, 11.3263



Tritanopia

30.1231, 22.5398, 18.0922

Trichromacy



Original Color

28.7805, 22.6035, 11.6501

Protanomaly

23.5119, 22.4122, 13.2120

Deuteranomaly

24.7746, 22.3798, 11.4015

Tritanomaly

29.4921, 22.4199, 15.6050

Monochromacy



Original Color

28.7805, 22.6035, 11.6501

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.3143, 22.1760, 19.2713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7805, 22.6035, 11.6501 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, 108, 86)` looks like.

```
.text, #text, p{  
    color:rgb(192, 108, 86)  
}
```

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, 108, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 108, 86) }
```

Border

The CSS property to change the border of an element to XYZ 28.7805, 22.6035, 11.6501 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, 108, 86) }
```


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

```
.border{ border-color:rgb(192, 108, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 108, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 108, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 108, 86);  
box-shadow:4px 4px 4px 4px rgb(192, 108,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7805, 22.6035, 11.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 108, 86) }
```

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

```
.background{ background-color: rgb(192,  
108, 86) }
```

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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