

Converting Colors

XYZ(28.4330, 22.5947, 5.8206)

Have a look what the booklet for
XYZ(28.4330, 22.5947, 5.8206)
contains.

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Color

**XYZ(28.4226, 22.5490,
5.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	C36C31
RGB	195, 108, 49
RGB Percent	76%, 42%, 19%
CMY	0.2353, 0.5764, 0.8078
CMYK	0.00, 0.45, 0.75, 0.24
HSL	24°, 60%, 48%
HSV	24°, 75%, 76%
XYZ	28.4226, 22.5490, 5.7601
YIQ	127.2870, 70.7910, 0.0950

Conversions

Conversions Part 2

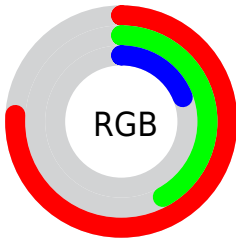
Format	Color
R_{YB}	195, 148, 49
Decimal	12807217
CIE _{Lab}	54.60, 30.03, 46.65
CIE _{LCh}	55, 55.481, 57.233
Yxy	22.5490, 0.5010, 0.3975
Android (android.graphics.Color)	4290997297 (0xFFC36C31)
YUV	127.2870, -38.5955, 59.3843
Hunter-Lab	47.4858, 23.7410, 26.0481

Details

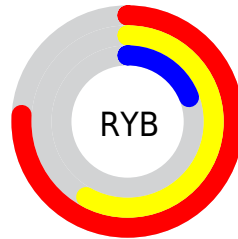
The XYZ color **28.4226, 22.5490, 5.7601** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **19.9204, 22.2000, 54.8644**, and the grayscale version is **20.3838, 21.4454, 23.3540**.

A 20% lighter version of the original color is **56.0629, 47.3025, 17.9798**, and **11.7173, 8.3622, 0.9965** is the 20% darker color. If you saturate the color by 10%, you get **26.9518, 20.1298, 3.6601**, and if you desaturate by 10%, it is **30.2357, 25.3685, 8.8525**.

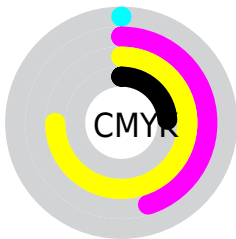
Distribution



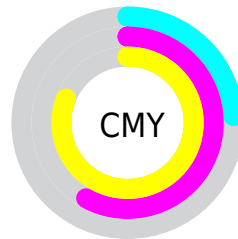
- Red (76%)
- Green (42%)
- Blue (19%)



- Red (76%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (75%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4226, 22.5490, 5.7601 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 28.4226, 22.5490, 5.7601 by changing the saturation by 10% instead.


 28.4226, 22.5490,
5.7601


 28.4226, 22.5490,
5.7601


286.5244,
265.4000, 166.1416


 18.7865, 14.2609,
2.6333


 56.5624, 47.6517,
17.8999


 11.6192, 8.3023,
0.9096


 75.7968, 65.2351,
27.7500

 6.5553, 4.2890,
0.0000


 98.9614, 86.6856,
40.6783

 3.2294, 1.8365,
0.0000

 126.4215,
112.3877, 57.1033

 1.2762, 0.5098,
0.0000

 158.5425,
142.7259, 77.4436

 0.1653, 0.0000,
0.0000

 195.6898,

 0.0000, 0.0000,

178.0844, 102.1178

0.0000

238.2286,
218.8476, 131.5442

■ 28.4226, 22.5490,
5.7601

■ 28.4226, 22.5490,
5.7601

■ 26.9518, 20.1298,
3.6601

■ 30.2357, 25.3685,
8.8525

■ 25.7905, 18.0844,
2.4186

■ 32.4162, 28.6049,
13.0457

■ 25.2876, 17.1663,
1.9806

■ 34.9878, 32.2781,
18.4349

■ 37.9718, 36.4052,
25.1048

■ 41.3876, 41.0024,
33.1320

■ 45.2534, 46.0850,
42.5873

■ 49.5863, 51.6676,
53.5363

■ 54.4022, 57.7640,
66.0407

■ 59.7164, 64.3876,
80.1586

Harmonies

Analogous

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



33.6351, 22.5490, 12.1712



28.4226, 22.5490, 5.7601



22.0029, 22.5490, 3.9694

Triad

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



28.4226, 22.5490, 5.7601



11.7268, 22.5490, 22.9671



27.2561, 22.5490, 68.1303

Complementary

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



28.4226, 22.5490, 5.7601



19.9204, 22.2000, 54.8644

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.



20.8713, 22.5490, 75.6630



28.4226, 22.5490, 5.7601



12.6080, 22.5490, 43.3408

Square

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



28.4226, 22.5490, 5.7601



13.0094, 22.5490, 10.4966



15.6936, 22.5490, 64.9804



32.8768, 22.5490, 47.5706

Rectangle

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



28.4226, 22.5490, 5.7601



18.1436, 22.5490, 4.4212



15.6936, 22.5490, 64.9804



25.0958, 22.5490, 72.5967

Sweetspot

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



28.4231, 22.5502, 5.7605



75.8006, 75.6562, 63.3778



28.0906, 15.5935, 25.0462



16.1991, 16.0369, 12.9138



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.



28.4231, 22.5502, 5.7605



46.8555, 33.5895, 4.9475



39.4619, 44.6278, 9.4401



10.3999, 10.7312, 10.5851



16.5136, 11.3129, 1.3132



0.7811, 0.6239, 0.0793

Inverse Universe

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



19.9204, 22.2000, 54.8644



30.7287, 32.6258, 97.1476



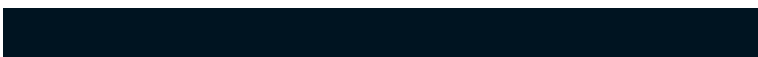
12.9280, 8.2151, 52.5336



10.0161, 10.7234, 12.8268



10.5599, 10.8763, 35.0994



0.5224, 0.6023, 1.5386

Previews

White Background



This preview shows how the XYZ color 28.4226, 22.5490, 5.7601 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 28.4226, 22.5490, 5.7601 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 28.4226, 22.5490, 5.7601

Background



This preview shows how black text looks on a background with the XYZ color 28.4226, 22.5490, 5.7601.



This preview shows how white text looks on a background with the XYZ color 28.4226, 22.5490,

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

28.4226, 22.5490, 5.7601

Protanopia

20.6842, 22.6291, 7.0191

Deuteranopia

23.0981, 22.7416, 5.5550



Tritanopia

30.8004, 22.6126, 17.2093

Trichromacy



Original Color

28.4226, 22.5490, 5.7601

Protanomaly

23.0354, 22.3155, 6.4614

Deuteranomaly

24.7692, 22.5049, 5.6232

Tritanomaly

29.6966, 22.4591, 11.7867

Monochromacy



Original Color

28.4226, 22.5490, 5.7601

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9175, 21.0092, 14.7044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4226, 22.5490, 5.7601 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(195, 108, 49)` looks like.

```
.text, #text, p{  
    color:rgb(195, 108, 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(195, 108, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 108, 49) }
```

Border

The CSS property to change the border of an element to XYZ 28.4226, 22.5490, 5.7601 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(195, 108, 49) }
```


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

```
.border{ border-color:rgb(195, 108, 49) }
```

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

Here you see how a box with a 4 pixel rgb(195, 108, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 108, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 108, 49);  
box-shadow:4px 4px 4px 4px rgb(195, 108,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4226, 22.5490, 5.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 108, 49) }
```

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

```
.background{ background-color: rgb(195,  
108, 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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