

Converting Colors

XYZ(28.0376, 22.8899, 6.8611)

Have a look what the booklet for
XYZ(28.0376, 22.8899, 6.8611)
contains.

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Color

**XYZ(28.0185, 22.9601,
6.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7039
RGB	191, 112, 57
RGB Percent	75%, 44%, 22%
CMY	0.2510, 0.5608, 0.7765
CMYK	0.00, 0.41, 0.70, 0.25
HSL	25°, 54%, 49%
HSV	25°, 70%, 75%
XYZ	28.0185, 22.9601, 6.8259
YIQ	129.3510, 64.7390, -0.3570

Conversions

Conversions Part 2

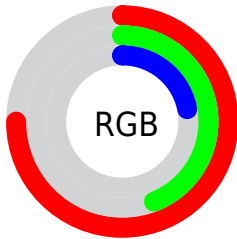
Format	Color
R_{YB}	191, 150, 57
Decimal	12546105
CIE Lab	55.03, 26.60, 43.02
CIE LCh	55, 50.575, 58.272
Yxy	22.9601, 0.4847, 0.3972
Android (android.graphics.Color)	4290736185 (0xFFBF7039)
YUV	129.3510, -35.6690, 54.0662
Hunter-Lab	47.9167, 20.5207, 25.0956

Details

The XYZ color **28.0185, 22.9601, 6.8259** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **19.8948, 22.2384, 52.5336**, and the grayscale version is **21.0955, 22.1941, 24.1693**.

A 20% lighter version of the original color is **55.6606, 48.1008, 19.9864**, and **11.3316, 8.4759, 1.2398** is the 20% darker color. If you saturate the color by 10%, you get **26.4630, 20.4737, 4.3825**, and if you desaturate by 10%, it is **29.9096, 25.8313, 10.2655**.

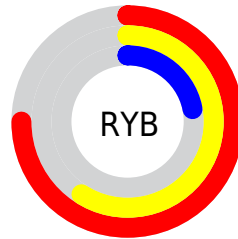
Distribution



Red (75%)

Green (44%)

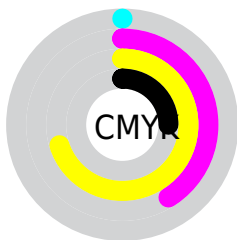
Blue (22%)



Red (75%)

Yellow (59%)

Blue (22%)

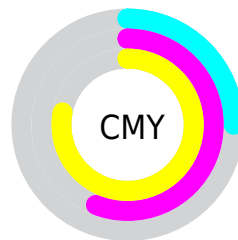


Cyan (0%)

Magenta (41%)

Yellow (70%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0185, 22.9601, 6.8259 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 28.0185, 22.9601, 6.8259 by changing the saturation by 10% instead.


 28.0185, 22.9601,
6.8259


 28.0185, 22.9601,
6.8259


284.6338,
267.5200, 175.7848


 18.4801, 14.5640,
3.2767


 55.9224, 48.3278,
20.1290


 11.3970, 8.5140,
1.2376


 75.0187, 66.0682,
30.7199

 6.4038, 4.4256,
0.0098


 98.0316, 87.6923,
44.4951

 3.1351, 1.9144,
0.0000

 125.3266,
113.5843, 61.8732

 1.2256, 0.5570,
0.0000

 157.2689,
144.1287, 83.2727

 0.1264, 0.0000,
0.0000

 194.2240,

 0.0000, 0.0000,

179.7098, 109.1121

0.0000

236.5572,
220.7121, 139.8099

■ 28.0185, 22.9601,
6.8259

■ 28.0185, 22.9601,
6.8259

■ 26.4630, 20.4737,
4.3825

■ 29.9096, 25.8313,
10.2655

■ 25.2145, 18.3486,
2.8199

■ 32.1583, 29.1019,
14.7969

■ 24.2387, 16.5824,
1.9232

■ 34.7859, 32.7895,
20.5053

■ 37.8116, 36.9098,
27.4674

■ 41.2532, 41.4774,
35.7531

■ 45.1271, 46.5062,
45.4273

■ 49.4491, 52.0094,
56.5505

■ 54.2338, 57.9996,
69.1795

■ 59.4953, 64.4890,
83.3681

Harmonies

Analogous

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



32.8003, 22.9601, 13.0119



28.0185, 22.9601, 6.8259



22.1506, 22.9601, 5.0621

Triad

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



28.0185, 22.9601, 6.8259



12.6998, 22.9601, 24.0773



27.3566, 22.9601, 63.4009

Complementary

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



28.0185, 22.9601, 6.8259



19.8948, 22.2384, 52.5336

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.



21.4984, 22.9601, 70.4951



28.0185, 22.9601, 6.8259



13.6168, 22.9601, 42.7266

Square

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



28.0185, 22.9601, 6.8259



13.8563, 22.9601, 11.9930



16.6154, 22.9601, 61.6799



32.3742, 22.9601, 45.0809

Rectangle

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



28.0185, 22.9601, 6.8259



18.6048, 22.9601, 5.6147



16.6154, 22.9601, 61.6799



25.3922, 22.9601, 67.4511

Sweetspot

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



28.0190, 22.9613, 6.8263



73.1206, 73.2823, 62.1621



27.4930, 15.8203, 25.4223



15.6670, 15.5779, 12.7033



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.



28.0190, 22.9613, 6.8263



46.1736, 34.6211, 6.2188



38.0650, 43.0533, 10.1750



9.8431, 10.1623, 10.0194



16.0047, 11.0481, 1.2890



0.6915, 0.5619, 0.0720

Inverse Universe

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



19.8948, 22.2384, 52.5336



30.6325, 33.0421, 93.0424



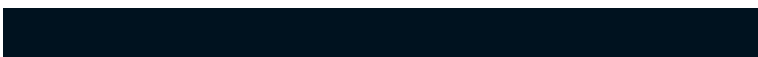
13.3067, 9.0622, 50.3376



9.4713, 10.1348, 12.1292



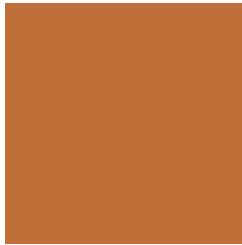
10.1123, 10.3363, 33.8550



0.4590, 0.5307, 1.3471

Previews

White Background



This preview shows how the XYZ color 28.0185, 22.9601, 6.8259 looks on a white background.

Color Contrast Check

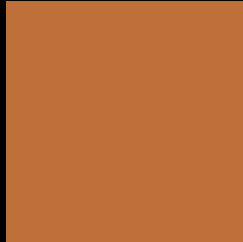
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0185, 22.9601, 6.8259 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 28.0185, 22.9601, 6.8259

Background



This preview shows how black text looks on a background with the XYZ color 28.0185, 22.9601, 6.8259.



This preview shows how white text looks on a background with the XYZ color 28.0185, 22.9601,

6.8259.

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

28.0185, 22.9601, 6.8259

Protanopia

21.0025, 22.9724, 8.0298

Deuteranopia

23.4133, 23.0713, 6.5873



Tritanopia

30.3828, 22.9697, 18.4550

Trichromacy



Original Color

28.0185, 22.9601, 6.8259

Protanomaly

23.0762, 22.6855, 7.5774

Deuteranomaly

24.9588, 22.9398, 6.6024

Tritanomaly

29.3307, 22.8529, 13.2211

Monochromacy



Original Color

28.0185, 22.9601, 6.8259

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.4800, 21.8206, 15.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0185, 22.9601, 6.8259 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(191, 112, 57)` looks like.

```
.text, #text, p{  
    color:rgb(191, 112, 57)  
}
```

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(191, 112, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 112, 57) }
```

Border

The CSS property to change the border of an element to XYZ 28.0185, 22.9601, 6.8259 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(191, 112, 57) }
```


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

```
.border{ border-color:rgb(191, 112, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 112, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 112, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 112, 57);  
box-shadow:4px 4px 4px 4px rgb(191, 112,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0185, 22.9601, 6.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 112, 57) }
```

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

```
.background{ background-color: rgb(191,  
112, 57) }
```

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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