

Converting Colors

XYZ(28.3906, 21.5169, 13.6712)

Have a look what the booklet for
XYZ(28.3906, 21.5169, 13.6712)
contains.

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Color

**XYZ(28.3485, 21.4236,
13.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6660
RGB	191, 102, 96
RGB Percent	75%, 40%, 38%
CMY	0.2510, 0.6000, 0.6235
CMYK	0.00, 0.47, 0.50, 0.25
HSL	4°, 43%, 56%
HSV	4°, 50%, 75%
XYZ	28.3485, 21.4236, 13.7074
YIQ	127.9270, 54.9700, 17.0020

Conversions

Conversions Part 2

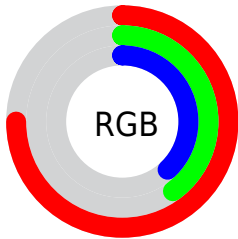
Format	Color
R_{YB}	191, 102, 96
Decimal	12543584
CIE _{Lab}	53.41, 34.89, 19.44
CIE _{LCh}	53, 39.935, 29.123
Yxy	21.4236, 0.4466, 0.3375
Android (android.graphics.Color)	4290733664 (0xFFBF6660)
YUV	127.9270, -15.7400, 55.3150
Hunter-Lab	46.2856, 28.3258, 14.8413

Details

The XYZ color **28.3485, 21.4236, 13.7074** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.5758, 40.9442, 55.5288**, and the grayscale version is **20.5326, 21.6018, 23.5244**.

A 20% lighter version of the original color is **56.4121, 45.8733, 33.4849**, and **11.6352, 7.7546, 3.9012** is the 20% darker color. If you saturate the color by 10%, you get **26.0009, 17.9689, 9.1008**, and if you desaturate by 10%, it is **31.2903, 25.7249, 19.5664**.

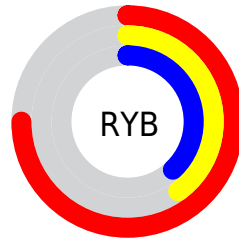
Distribution



Red (75%)

Green (40%)

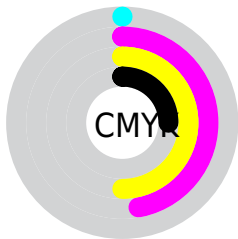
Blue (38%)



Red (75%)

Yellow (40%)

Blue (38%)

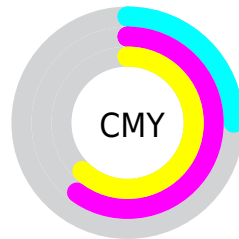


Cyan (0%)

Magenta (47%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3485, 21.4236, 13.7074 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 28.3485, 21.4236, 13.7074 by changing the saturation by 10% instead.

 28.3485, 21.4236,
13.7074


 28.3485, 21.4236,
13.7074


286.1784,
259.5212, 226.7677


 18.7303, 13.4340,
7.7810


 56.4451, 45.7915,
33.2786


 11.5784, 7.7281,
3.8694


 75.6543, 62.9385,
47.7604

 6.5275, 3.9214,
1.5540


 98.7911, 83.9068,
65.9312

 3.2121, 1.6297,
0.2577

 126.2211,
109.0808, 88.2094

 1.2669, 0.3775,
0.0000

158.3094,
138.8448, 115.0137

 0.1582, 0.0000,
0.0000

195.4215,

 0.0000, 0.0000,

173.5833, 146.7624

0.0000

237.9227,
213.6806, 183.8742

■ 28.3485, 21.4236,
13.7074

■ 28.3485, 21.4236,
13.7074

■ 26.0009, 17.9689,
9.1008

■ 31.2903, 25.7249,
19.5664

■ 24.2055, 15.3020,
5.6543

■ 34.8614, 30.9202,
26.7586

■ 22.9174, 13.3616,
3.2648


■ 39.0959, 37.0571,
35.3596


■ 22.0838, 12.0761,
1.8103


■ 44.0250, 44.1790,
45.4389

■ 21.6266, 11.3537,
1.0660

■ 49.6782, 52.3265,
57.0613

 21.6181, 11.3410,
1.0496

 56.0829, 61.5381,
70.2881

 63.2654, 71.8501,
85.1767

 71.2505, 83.2973,
101.7823

 75.2957, 89.8163,
107.9755

Harmonies

Analogous

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



29.6520, 21.4236, 23.6861



28.3485, 21.4236, 13.7074



24.8403, 21.4236, 8.4764

Triad

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



28.3485, 21.4236, 13.7074



14.1353, 21.4236, 13.2774



20.2379, 21.4236, 55.3335

Complementary

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



28.3485, 21.4236, 13.7074



31.5758, 40.9442, 55.5288

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.



16.4580, 21.4236, 49.6574



28.3485, 21.4236, 13.7074



13.2492, 21.4236, 22.9709

Square

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



28.3485, 21.4236, 13.7074



16.6463, 21.4236, 8.2956



14.0377, 21.4236, 36.6374



24.5942, 21.4236, 50.2516

Rectangle

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



28.3485, 21.4236, 13.7074



21.9403, 21.4236, 7.0882



14.0377, 21.4236, 36.6374



18.8622, 21.4236, 54.5955

Sweetspot

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



28.3490, 21.4247, 13.7078



73.8370, 71.8872, 71.1185



34.5582, 22.9980, 49.2113



15.8096, 15.2013, 14.7909



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.



28.3490, 21.4247, 13.7078



46.1270, 31.5305, 15.4442



34.2263, 33.1792, 15.6669



9.5773, 9.6306, 9.9307



14.2287, 7.4962, 0.6970



0.5741, 0.3271, 0.0329

Inverse Universe

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



31.5758, 40.9442, 55.5288



52.5472, 70.5175, 99.1208



23.4244, 24.6414, 52.8116



9.7556, 10.7034, 12.2240



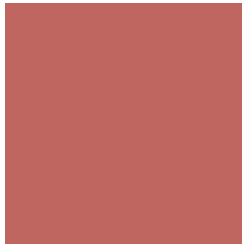
16.7868, 23.6854, 36.0799



0.6733, 0.9593, 1.4185

Previews

White Background



This preview shows how the XYZ color 28.3485, 21.4236, 13.7074 looks on a white background.

Color Contrast Check

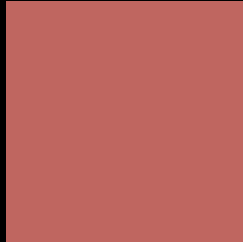
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3485, 21.4236, 13.7074 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 28.3485, 21.4236, 13.7074

Background



This preview shows how black text looks on a background with the XYZ color 28.3485, 21.4236, 13.7074.



This preview shows how white text looks on a background with the XYZ color 28.3485, 21.4236,

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

28.3485, 21.4236, 13.7074

Protanopia

20.4176, 21.6719, 17.2943

Deuteranopia

21.9636, 21.6140, 13.1395



Tritanopia

28.9492, 21.3823, 16.5113

Trichromacy



Original Color

28.3485, 21.4236, 13.7074

Protanomaly

22.6131, 21.1617, 15.9895

Deuteranomaly

23.8324, 21.1588, 13.1839

Tritanomaly

28.8401, 21.4931, 15.4605

Monochromacy



Original Color

28.3485, 21.4236, 13.7074

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.5117, 21.0339, 19.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3485, 21.4236, 13.7074 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, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 102, 96)  
}
```

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, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 102, 96) }
```

Border

The CSS property to change the border of an element to XYZ 28.3485, 21.4236, 13.7074 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, 102, 96) }
```


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

```
.border{ border-color:rgb(191, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 102,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3485, 21.4236, 13.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 102, 96) }
```

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

```
.background{ background-color: rgb(191,  
102, 96) }
```

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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