

Converting Colors

XYZ(28.2834, 19.0161, 10.5813)

Have a look what the booklet for
XYZ(28.2834, 19.0161, 10.5813)
contains.

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Color

**XYZ(28.2467, 18.9687,
10.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	C75354
RGB	199, 83, 84
RGB Percent	78%, 33%, 33%
CMY	0.2196, 0.6745, 0.6706
CMYK	0.00, 0.58, 0.58, 0.22
HSL	359°, 51%, 55%
HSV	359°, 58%, 78%
XYZ	28.2467, 18.9687, 10.5601
YIQ	117.7980, 68.8150, 24.9030

Conversions

Conversions Part 2

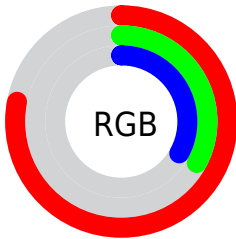
Format	Color
RYB	199, 83, 84
Decimal	13062996
CIELab	50.65, 46.38, 23.03
CIElCh	51, 51.781, 26.402
Yxy	18.9687, 0.4889, 0.3283
Android (android.graphics.Color)	4291253076 (0xFFC75354)
YUV	117.7980, -16.6624, 71.2142
Hunter-Lab	43.5531, 39.5498, 16.1114

Details

The XYZ color **28.2467, 18.9687, 10.5601** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **34.1849, 46.7635, 60.6540**, and the grayscale version is **17.1928, 18.0881, 19.6980**.

A 20% lighter version of the original color is **54.3472, 40.5895, 27.5244**, and **11.5967, 6.5524, 2.5730** is the 20% darker color. If you saturate the color by 10%, you get **26.2697, 16.0822, 6.6107**, and if you desaturate by 10%, it is **30.8791, 22.8180, 15.8018**.

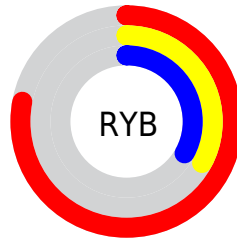
Distribution



Red (78%)

Green (33%)

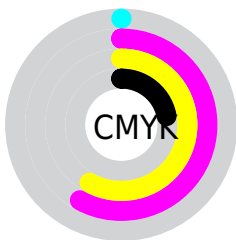
Blue (33%)



Red (78%)

Yellow (33%)

Blue (33%)

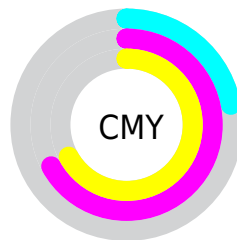


Cyan (0%)

Magenta (58%)

Yellow (58%)

Black (22%)



Cyan (22%)


Magenta (67%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2467, 18.9687, 10.5601 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 28.2467, 18.9687, 10.5601 by changing the saturation by 10% instead.


 28.2467, 18.9687,
10.5601


 28.2467, 18.9687,
10.5601


285.7026,
246.2759, 205.2521

 18.6531, 11.6477,
5.6614


 56.2840, 41.6812,
27.4679


 11.5224, 6.5042,
2.5749


 75.4583, 57.8415,
40.3141


 6.4892, 3.1540,
0.8795


 98.5570, 77.7169,
56.6466

 3.1883, 1.2127,
0.0000

 125.9454,
101.6920, 76.8839

 1.2541, 0.0720,
0.0000

 157.9888,
130.1510, 101.4446

 0.1484, 0.0000,
0.0000

195.0525,

 0.0000, 0.0000,

163.4784, 130.7472

0.0000

237.5020,
202.0586, 165.2101

■ 28.2467, 18.9687,
10.5601

■ 28.2467, 18.9687,
10.5601

■ 26.2697, 16.0822,
6.6107

■ 30.8791, 22.8180,
15.8018

■ 24.8894, 14.0709,
3.8408

■ 34.2161, 27.7017,
22.4337

■ 24.0391, 12.8365,
2.1198

■ 38.3039, 33.6880,
30.5454

■ 23.6179, 12.2272,
1.2612

■ 43.1841, 40.8384,
40.2187

■ 23.5625, 12.1458,
1.1515

■ 48.8957, 49.2101,
51.5293

■ 55.4746, 58.8564,
64.5483

■ 62.9551, 69.8273,
79.3423

■ 71.3692, 82.1704,
95.9745

■ 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



29.6139, 18.9687, 22.4558



28.2467, 18.9687, 10.5601



23.9797, 18.9687, 5.0345

Triad

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



28.2467, 18.9687, 10.5601



11.0671, 18.9687, 8.7361



17.4243, 18.9687, 62.9282

Complementary

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



28.2467, 18.9687, 10.5601



34.1849, 46.7635, 60.6540

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.



13.1547, 18.9687, 53.7297



28.2467, 18.9687, 10.5601



9.9449, 18.9687, 18.9507

Square

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



28.2467, 18.9687, 10.5601



14.0324, 18.9687, 4.3813



10.6311, 18.9687, 35.7224



22.7209, 18.9687, 57.1124

Rectangle

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



28.2467, 18.9687, 10.5601



20.4197, 18.9687, 3.6667



10.6311, 18.9687, 35.7224



15.8329, 18.9687, 61.4114

Sweetspot

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



28.2472, 18.9697, 10.5604



76.5825, 72.9267, 72.3415



36.4459, 22.1904, 56.3949



15.9876, 15.0169, 14.6832



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.



28.2472, 18.9697, 10.5604



45.2352, 27.0485, 10.0501



34.3575, 31.2522, 12.4064



10.6375, 10.6384, 11.0744



15.1529, 7.8107, 0.7491



0.7188, 0.3704, 0.0424

Inverse Universe

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



28.2472, 18.9697, 10.5604



45.2352, 27.0485, 10.0501



23.6896, 25.5887, 57.7232



10.6375, 10.6384, 11.0744



15.1529, 7.8107, 0.7491



0.7188, 0.3704, 0.0424

Previews

White Background



This preview shows how the XYZ color 28.2467, 18.9687, 10.5601 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 28.2467, 18.9687, 10.5601 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 28.2467, 18.9687, 10.5601

Background



This preview shows how black text looks on a background with the XYZ color 28.2467, 18.9687, 10.5601.



This preview shows how white text looks on a background with the XYZ color 28.2467, 18.9687,

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

28.2467, 18.9687, 10.5601

Protanopia

18.0884, 19.2035, 15.0652

Deuteranopia

19.4746, 19.1518, 9.8780



Tritanopia

28.3319, 18.8813, 11.3837

Trichromacy



Original Color

28.2467, 18.9687, 10.5601

Protanomaly

20.6497, 18.2116, 13.2533

Deuteranomaly

21.9153, 18.4791, 10.0012

Tritanomaly

28.2908, 18.8648, 11.1670

Monochromacy



Original Color

28.2467, 18.9687, 10.5601

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.6857, 17.3468, 15.9464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2467, 18.9687, 10.5601 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(199, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(199, 83, 84)  
}
```

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(199, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 83, 84) }
```

Border

The CSS property to change the border of an element to XYZ 28.2467, 18.9687, 10.5601 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(199, 83, 84) }
```


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

```
.border{ border-color:rgb(199, 83, 84) }
```

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

Here you see how a box with a 4 pixel rgb(199, 83, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(199, 83,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2467, 18.9687, 10.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 83, 84) }
```

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

```
.background{ background-color: rgb(199, 83,  
84) }
```

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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