

Converting Colors

XYZ(28.4951, 20.4956, 12.6702)

Have a look what the booklet for
XYZ(28.4951, 20.4956, 12.6702)
contains.

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Color

**XYZ(28.5297, 20.5592,
12.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	C35F5C
RGB	195, 95, 92
RGB Percent	76%, 37%, 36%
CMY	0.2353, 0.6274, 0.6392
CMYK	0.00, 0.51, 0.53, 0.24
HSL	2°, 46%, 56%
HSV	2°, 53%, 76%
XYZ	28.5297, 20.5592, 12.5899
YIQ	124.5580, 60.5630, 20.2670

Conversions

Conversions Part 2

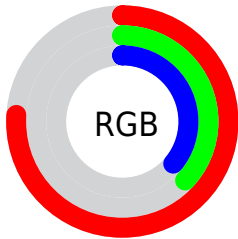
Format	Color
R_{YB}	195, 95, 92
Decimal	12803932
CIE Lab	52.46, 39.68, 20.61
CIE LCh	52, 44.707, 27.445
Yxy	20.5592, 0.4626, 0.3333
Android (android.graphics.Color)	4290994012 (0xFFC35F5C)
YUV	124.5580, -16.0511, 61.7776
Hunter-Lab	45.3423, 32.9646, 15.2769

Details

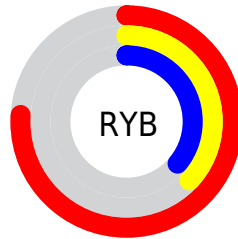
The XYZ color **28.5297, 20.5592, 12.5899** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **33.1126, 43.9126, 58.3605**, and the grayscale version is **19.3831, 20.3925, 22.2074**.

A 20% lighter version of the original color is **56.7124, 44.3928, 31.1708**, and **11.7104, 7.3170, 3.3799** is the 20% darker color. If you saturate the color by 10%, you get **26.2814, 17.2557, 8.1624**, and if you desaturate by 10%, it is **31.4128, 24.7813, 18.3116**.

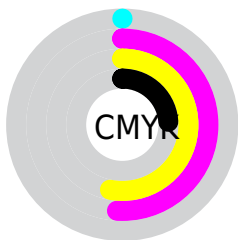
Distribution



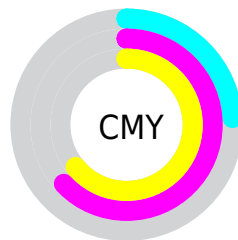
- Red (76%)
- Green (37%)
- Blue (36%)



- Red (76%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (53%)
- Black (24%)



- Cyan (24%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5297, 20.5592, 12.5899 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 28.5297, 20.5592, 12.5899 by changing the saturation by 10% instead.

 28.5297, 20.5592,
12.5899

 28.5297, 20.5592,
12.5899


287.0238,
254.9265, 219.3871


 18.8678, 12.8022,
7.0194


 56.7318, 44.3528,
31.2453


 11.6782, 7.2925,
3.3956


 76.0027, 61.1581,
45.1673

 6.5956, 3.6457,
1.3000


 99.2073, 81.7483,
62.7102

 3.2546, 1.4774,
0.0618

 126.7111,
106.5078, 84.2926

 1.2898, 0.2727,
0.0000

158.8792,
135.8210, 110.3329

 0.1756, 0.0000,
0.0000

196.0772,

 0.0000, 0.0000,

170.0722, 141.2497

0.0000

238.6702,
209.6459, 177.4616

■ 28.5297, 20.5592,
12.5899

■ 28.5297, 20.5592,
12.5899

■ 26.2814, 17.2557,
8.1624

■ 31.4128, 24.7813,
18.3116

■ 24.6185, 14.7996,
4.9274

■ 34.9719, 29.9798,
25.4165

■ 23.4872, 13.1146,
2.7694

■ 39.2468, 36.2116,
33.9871

■ 22.8226, 12.1091,
1.5499

■ 44.2735, 43.5284,
44.0991

■ 22.5674, 11.7256,
1.0738

■ 50.0857, 51.9784,
55.8228

■ 56.7150, 61.6068,
69.2243

■ 64.1915, 72.4565,
84.3662

■ 72.5434, 84.5680,
101.3075

■ 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



29.8238, 20.5592, 23.5387



28.5297, 20.5592, 12.5899



24.7202, 20.5592, 7.0626

Triad

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



28.5297, 20.5592, 12.5899



12.9704, 20.5592, 11.2986



19.1476, 20.5592, 58.6220

Complementary

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



28.5297, 20.5592, 12.5899



33.1126, 43.9126, 58.3605

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.



15.1409, 20.5592, 51.3961



28.5297, 20.5592, 12.5899



11.9436, 20.5592, 21.2706

Square

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



28.5297, 20.5592, 12.5899



15.7268, 20.5592, 6.5500



12.6714, 20.5592, 36.2737



23.9266, 20.5592, 53.3949

Rectangle

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



28.5297, 20.5592, 12.5899



21.5358, 20.5592, 5.6058



12.6714, 20.5592, 36.2737



17.6732, 20.5592, 57.5214

Sweetspot

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



28.5302, 20.5603, 12.5903



76.0528, 73.2435, 72.4547



35.9902, 23.1195, 53.1835



16.2375, 15.4323, 15.0274



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.



28.5302, 20.5603, 12.5903



46.6739, 30.3211, 13.8432



34.5961, 32.6920, 14.6122



10.0962, 10.1239, 10.4839



14.6784, 7.6425, 0.7015



0.6425, 0.3468, 0.0331

Inverse Universe

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



33.1126, 43.9126, 58.3605



55.7066, 76.4234, 104.2849



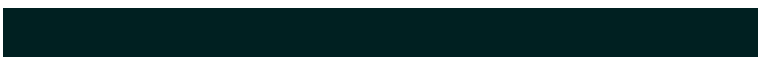
23.9049, 25.4972, 55.2913



10.3425, 11.3764, 12.9356



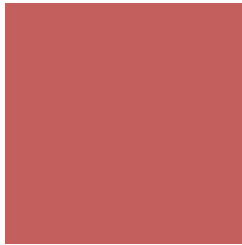
18.2845, 26.3255, 37.6743



0.7981, 1.1536, 1.6305

Previews

White Background



This preview shows how the XYZ color 28.5297, 20.5592, 12.5899 looks on a white background.

Color Contrast Check

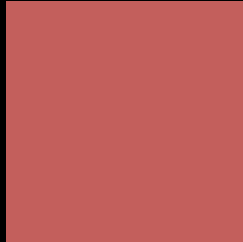
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5297, 20.5592, 12.5899 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 28.5297, 20.5592, 12.5899

Background



This preview shows how black text looks on a background with the XYZ color 28.5297, 20.5592, 12.5899.



This preview shows how white text looks on a background with the XYZ color 28.5297, 20.5592,

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

28.5297, 20.5592, 12.5899

Protanopia

19.4509, 20.6134, 16.5893

Deuteranopia

21.0556, 20.6216, 12.1031



Tritanopia

29.0679, 20.6613, 14.5126

Trichromacy



Original Color

28.5297, 20.5592, 12.5899

Protanomaly

21.8838, 19.9428, 15.0079

Deuteranomaly

23.2135, 20.1971, 12.1261

Tritanomaly

28.9253, 20.6042, 13.7617

Monochromacy



Original Color

28.5297, 20.5592, 12.5899

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5756, 19.7109, 18.2902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5297, 20.5592, 12.5899 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, 95, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 95, 92)  
}
```

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, 95, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 95, 92) }
```

Border

The CSS property to change the border of an element to XYZ 28.5297, 20.5592, 12.5899 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, 95, 92) }
```


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

```
.border{ border-color:rgb(195, 95, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 95, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 95, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 95, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 95,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5297, 20.5592, 12.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 95, 92) }
```

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

```
.background{ background-color: rgb(195, 95,  
92) }
```

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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