

Converting Colors

XYZ(30.9249, 21.6509, 13.1388)

Have a look what the booklet for
XYZ(30.9249, 21.6509, 13.1388)
contains.

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Color

**XYZ(30.9249, 21.6509,
13.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5E5E
RGB	204, 94, 94
RGB Percent	80%, 37%, 37%
CMY	0.2000, 0.6313, 0.6314
CMYK	0.00, 0.54, 0.54, 0.20
HSL	0°, 52%, 58%
HSV	0°, 54%, 80%
XYZ	30.9249, 21.6509, 13.1388
YIQ	126.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

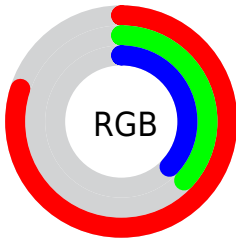
Format	Color
RYB	204, 94, 94
Decimal	13393502
CIELab	53.65, 43.66, 21.26
CIElCh	54, 48.562, 25.966
Yxy	21.6509, 0.4706, 0.3295
Android (android.graphics.Color)	4291583582 (0xFFCC5E5E)
YUV	126.8900, -16.2148, 67.6255
Hunter-Lab	46.5305, 37.2054, 15.8297

Details

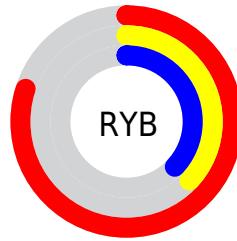
The XYZ color **30.9249, 21.6509, 13.1388** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **37.1066, 49.9221, 64.8067**, and the grayscale version is **20.1739, 21.2245, 23.1134**.

A 20% lighter version of the original color is **56.7078, 44.1411, 31.9168**, and **13.0035, 7.8190, 3.6202** is the 20% darker color. If you saturate the color by 10%, you get **28.5470, 18.1717, 8.4112**, and if you desaturate by 10%, it is **34.0250, 26.1877, 19.3009**.

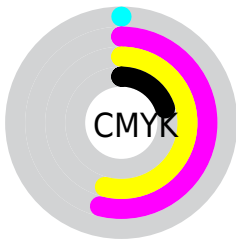
Distribution



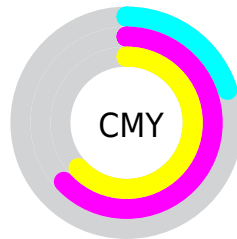
- Red (80%)
- Green (37%)
- Blue (37%)



- Red (80%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (20%)





- Cyan (20%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9249, 21.6509, 13.1388 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 30.9249, 21.6509, 13.1388 by changing the saturation by 10% instead.


 30.9249, 21.6509,
13.1388


 30.9249, 21.6509,
13.1388


298.0252,
260.7177, 223.0443


 20.6932, 13.6006,
7.3923


 60.4985, 46.1683,
32.2478


 13.0111, 7.8434,
3.6265


 80.5710, 63.4043,
46.4473

 7.5133, 3.9949,
1.4228


 104.6546, 84.4709,
64.3017

 3.8343, 1.6707,
0.1594

 133.1146,
109.7525, 86.2294

 1.6088, 0.4046,
0.0000

166.3163,
139.6337, 112.6490

 0.3981, 0.0000,
0.0000

204.6251,

 0.0000, 0.0000,

174.4986, 143.9789

0.0000

248.4063,
214.7319, 180.6379

■ 30.9249, 21.6509,
13.1388

■ 30.9249, 21.6509,
13.1388

■ 28.5470, 18.1717,
8.4112

■ 34.0250, 26.1877,
19.3009

■ 26.8316, 15.6615,
5.0012

■ 37.8976, 31.8544,
26.9993

■ 25.7121, 14.0232,
2.7758

■ 42.5902, 38.7210,
36.3279

■ 25.1071, 13.1379,
1.5734

■ 48.1462, 46.8510,
47.3730

■ 24.9018, 12.8375,
1.1654

■ 54.6058, 56.3032,
60.2145

■ 62.0067, 67.1328,
74.9274

■ 70.3846, 79.3920,
91.5826

■ 78.7117, 91.5773,
108.1354

Harmonies

Analogous

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



32.2330, 21.6509, 25.6436



30.9249, 21.6509, 13.1388



26.6885, 21.6509, 6.9294

Triad

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



30.9249, 21.6509, 13.1388



13.3630, 21.6509, 10.9175



19.8841, 21.6509, 65.1555

Complementary

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



30.9249, 21.6509, 13.1388



37.1066, 49.9221, 64.8067

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.



15.4805, 21.6509, 56.1025



30.9249, 21.6509, 13.1388



12.1384, 21.6509, 21.6192

Square

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



30.9249, 21.6509, 13.1388



16.5087, 21.6509, 6.0776



12.8432, 21.6509, 38.4434



25.2676, 21.6509, 59.7652

Rectangle

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



30.9249, 21.6509, 13.1388



23.0962, 21.6509, 5.2906



12.8432, 21.6509, 38.4434



18.2508, 21.6509, 63.6261

Sweetspot

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



30.9254, 21.6521, 13.1392



77.5009, 74.3208, 74.0129



39.8035, 25.2025, 59.8932



16.1668, 15.2909, 15.0038



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.



30.9254, 21.6521, 13.1392



46.6476, 29.1734, 12.6787



37.6696, 35.1404, 15.3872



11.2124, 11.2138, 11.6530



15.6736, 8.0802, 0.7335



0.8086, 0.4169, 0.0378

Inverse Universe

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



37.1066, 49.9221, 64.8067



57.9511, 80.8707, 107.1630



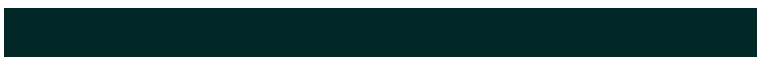
26.2627, 28.2343, 61.1921



11.5433, 12.7270, 14.4185



20.4493, 29.9225, 40.6541



1.0550, 1.5437, 2.0973

Previews

White Background



This preview shows how the XYZ color 30.9249, 21.6509, 13.1388 looks on a white background.

Color Contrast Check

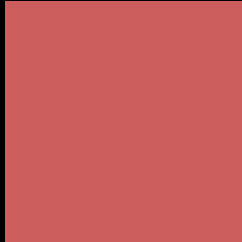
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9249, 21.6509, 13.1388 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 30.9249, 21.6509, 13.1388

Background



This preview shows how black text looks on a background with the XYZ color 30.9249, 21.6509, 13.1388.



This preview shows how white text looks on a background with the XYZ color 30.9249, 21.6509,

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

30.9249, 21.6509, 13.1388

Protanopia

20.5253, 21.7150, 17.8615

Deuteranopia

22.2126, 21.7572, 12.4800



Tritanopia

31.1164, 21.5862, 14.5831

Trichromacy



Original Color

30.9249, 21.6509, 13.1388

Protanomaly

23.2413, 20.9638, 15.9182

Deuteranomaly

24.6958, 21.1143, 12.6714

Tritanomaly

31.0208, 21.5479, 14.0795

Monochromacy



Original Color

30.9249, 21.6509, 13.1388

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.7428, 20.4678, 18.9717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9249, 21.6509, 13.1388 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(204, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(204, 94, 94)  
}
```

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(204, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 30.9249, 21.6509, 13.1388 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(204, 94, 94) }
```


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

```
.border{ border-color:rgb(204, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(204, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9249, 21.6509, 13.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 94, 94) }
```

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

```
.background{ background-color: rgb(204, 94,  
94) }
```

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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