

Converting Colors

XYZ(31.5641, 21.8568, 12.2495)

Have a look what the booklet for
XYZ(31.5641, 21.8568, 12.2495)
contains.

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Color

**XYZ(31.4919, 21.8323,
12.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5D5A
RGB	207, 93, 90
RGB Percent	81%, 36%, 35%
CMY	0.1882, 0.6353, 0.6471
CMYK	0.00, 0.55, 0.57, 0.19
HSL	2°, 55%, 58%
HSV	2°, 57%, 81%
XYZ	31.4919, 21.8323, 12.2271
YIQ	126.7440, 68.9070, 23.2350

Conversions

Conversions Part 2

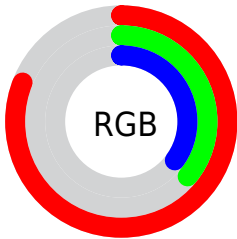
Format	Color
R_{YB}	207, 93, 90
Decimal	13589850
CIE _{Lab}	53.85, 44.91, 23.94
CIE _{LCh}	54, 50.894, 28.057
Yxy	21.8323, 0.4804, 0.3331
Android (android.graphics.Color)	4291779930 (0xFFCF5D5A)
YUV	126.7440, -18.1148, 70.3845
Hunter-Lab	46.7250, 38.5372, 17.1924

Details

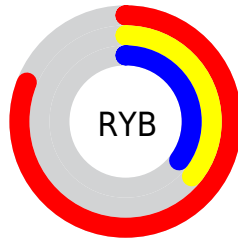
The XYZ color **31.4919, 21.8323, 12.2271** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **37.0701, 49.8610, 66.7014**, and the grayscale version is **20.1294, 21.1777, 23.0625**.

A 20% lighter version of the original color is **56.2525, 43.7112, 30.2832**, and **13.2460, 7.9025, 3.2101** is the 20% darker color. If you saturate the color by 10%, you get **29.1875, 18.4427, 7.7008**, and if you desaturate by 10%, it is **34.5094, 26.2558, 18.2017**.

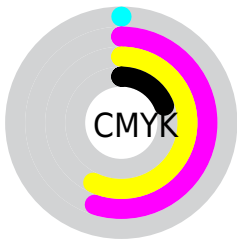
Distribution



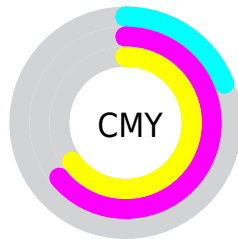
- Red (81%)
- Green (36%)
- Blue (35%)



- Red (81%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4919, 21.8323, 12.2271 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 31.4919, 21.8323, 12.2271 by changing the saturation by 10% instead.


 31.4919, 21.8323,
12.2271


 31.4919, 21.8323,
12.2271


300.5847,
261.6693, 216.9340


 21.1274, 13.7337,
6.7741


 61.3843, 46.4687,
30.5786


 13.3301, 7.9357,
3.2449


 81.6428, 63.7753,
44.3142


 7.7348, 4.0538,
1.2210


 105.9301, 84.9200,
61.6478

 3.9761, 1.7037,
0.0000

 134.6115,
110.2872, 82.9979

 1.6886, 0.4261,
0.0000

 168.0522,
140.2614, 108.7830

 0.4491, 0.0000,
0.0000

206.6178,

 0.0000, 0.0000,

175.2268, 139.4217

0.0000

250.6735,
215.5680, 175.3325

■ 31.4919, 21.8323,
12.2271

■ 31.4919, 21.8323,
12.2271

■ 29.1875, 18.4427,
7.7008

■ 34.5094, 26.2558,
18.2017

■ 27.5361, 16.0000,
4.4988

■ 38.2905, 31.7841,
25.7322

■ 26.4705, 14.4090,
2.4785

■ 42.8828, 38.4858,
34.9173

■ 25.9070, 13.5522,
1.4572

■ 48.3296, 46.4231,
45.8473

■ 25.7897, 13.3808,
1.2235

■ 54.6713, 55.6536,
58.6060

■ 61.9456, 66.2315,
73.2717

■ 70.1880, 78.2078,
89.9181

■ 79.3354, 91.5922,
108.1054

■ 79.5419, 92.0053,
108.1742

Harmonies

Analogous

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



33.1453, 21.8323, 24.8081



31.4919, 21.8323, 12.2271



26.8314, 21.8323, 6.2721

Triad

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



31.4919, 21.8323, 12.2271



13.0407, 21.8323, 11.1258



20.3962, 21.8323, 68.4058

Complementary

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



31.4919, 21.8323, 12.2271



37.0701, 49.8610, 66.7014

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.



15.6664, 21.8323, 59.6141



31.4919, 21.8323, 12.2271



11.9104, 21.8323, 22.7645

Square

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



31.4919, 21.8323, 12.2271



16.1844, 21.8323, 5.8611



12.7807, 21.8323, 40.9517



26.1046, 21.8323, 61.5201

Rectangle

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



31.4919, 21.8323, 12.2271



23.0057, 21.8323, 4.7968



12.7807, 21.8323, 40.9517



18.6486, 21.8323, 67.1291

Sweetspot

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



31.4924, 21.8335, 12.2275



76.8145, 73.4657, 72.1879



40.4136, 24.9879, 60.4820



16.0414, 15.1419, 14.6476



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.



31.4924, 21.8335, 12.2275



46.0801, 28.5276, 10.9808



38.5557, 35.9601, 14.5819



11.8327, 11.8562, 12.2769



16.2593, 8.4517, 0.7744



0.9179, 0.4901, 0.0462

Inverse Universe

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



37.0701, 49.8610, 66.7014



55.8499, 77.7059, 106.6629



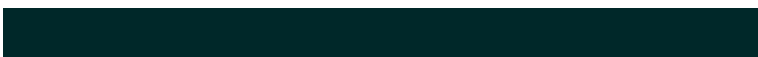
25.8428, 27.4064, 62.9590



12.1313, 13.3528, 15.1816



20.3669, 29.3804, 41.7900



1.1472, 1.6596, 2.3394

Previews

White Background



This preview shows how the XYZ color 31.4919, 21.8323, 12.2271 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 31.4919, 21.8323, 12.2271 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 31.4919, 21.8323, 12.2271

Background



This preview shows how black text looks on a background with the XYZ color 31.4919, 21.8323, 12.2271.



This preview shows how white text looks on a background with the XYZ color 31.4919, 21.8323,

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

31.4919, 21.8323, 12.2271

Protanopia

20.7683, 22.0595, 16.7990

Deuteranopia

22.3649, 22.0397, 11.6697



Tritanopia

31.7639, 21.8015, 14.0892

Trichromacy



Original Color

31.4919, 21.8323, 12.2271

Protanomaly

23.4459, 21.0923, 14.8921

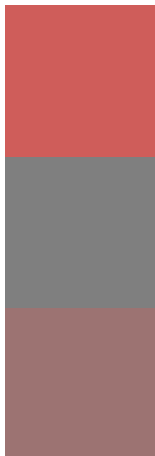
Deuteranomaly

25.0810, 21.4970, 11.8443

Tritanomaly

31.6248, 21.7459, 13.3570

Monochromacy



Original Color

31.4919, 21.8323, 12.2271

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.8783, 20.5443, 18.6792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4919, 21.8323, 12.2271 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(207, 93, 90)` looks like.

```
.text, #text, p{  
    color:rgb(207, 93, 90)  
}
```

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(207, 93, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 93, 90) }
```

Border

The CSS property to change the border of an element to XYZ 31.4919, 21.8323, 12.2271 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(207, 93, 90) }
```


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

```
.border{ border-color:rgb(207, 93, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 93, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 93, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 93, 90);  
box-shadow:4px 4px 4px 4px rgb(207, 93,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4919, 21.8323, 12.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 93, 90) }
```

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

```
.background{ background-color: rgb(207, 93,  
90) }
```

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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