

Converting Colors

XYZ(31.3417, 22.3293, 9.9025)

Have a look what the booklet for
XYZ(31.3417, 22.3293, 9.9025)
contains.

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Color

**XYZ(31.3820, 22.3648,
9.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	CF614E
RGB	207, 97, 78
RGB Percent	81%, 38%, 31%
CMY	0.1882, 0.6196, 0.6941
CMYK	0.00, 0.53, 0.62, 0.19
HSL	9°, 57%, 56%
HSV	9°, 62%, 81%
XYZ	31.3820, 22.3648, 9.8706
YIQ	127.7240, 71.6590, 17.4110

Conversions

Conversions Part 2

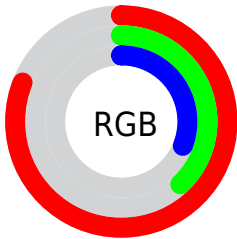
Format	Color
R_{YB}	207, 100, 78
Decimal	13590862
CIE _{Lab}	54.41, 42.08, 31.56
CIE _{LCh}	54, 52.599, 36.865
Yxy	22.3648, 0.4933, 0.3516
Android (android.graphics.Color)	4291780942 (0xFFCF614E)
YUV	127.7240, -24.5139, 69.5251
Hunter-Lab	47.2914, 35.6903, 20.7291

Details

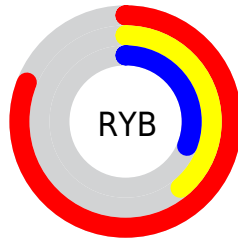
The XYZ color **31.3820, 22.3648, 9.8706** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **32.3865, 42.0888, 65.4483**, and the grayscale version is **20.4877, 21.5546, 23.4730**.

A 20% lighter version of the original color is **55.9771, 44.6050, 25.7380**, and **13.2455, 8.1896, 2.3215** is the 20% darker color. If you saturate the color by 10%, you get **29.2999, 19.2073, 6.0735**, and if you desaturate by 10%, it is **34.0616, 26.3438, 15.0192**.

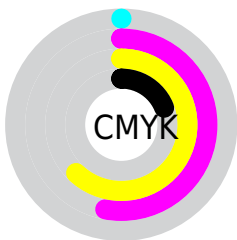
Distribution



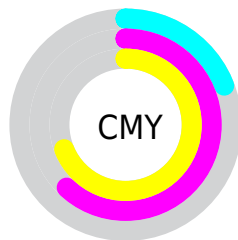
- Red (81%)
- Green (38%)
- Blue (31%)



- Red (81%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (19%)





- Cyan (19%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3820, 22.3648, 9.8706 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 31.3820, 22.3648, 9.8706 by changing the saturation by 10% instead.


 31.3820, 22.3648,
9.8706


 31.3820, 22.3648,
9.8706


300.0899,
264.4455, 200.1972


 21.0432, 14.1252,
5.2088

 61.2128, 47.3482,
26.1558


 13.2682, 8.2078,
2.3094


 81.4354, 64.8608,
38.6163

 7.6918, 4.2282,
0.7365


 105.6833, 86.2331,
54.5134

 3.9485, 1.8020,
0.0000

 134.3219,
111.8497, 74.2657

 1.6730, 0.4884,
0.0000

 167.7165,
142.0948, 98.2916

 0.4393, 0.0000,
0.0000

206.2324,

 0.0000, 0.0000,

177.3529, 127.0098

0.0000

250.2351,
218.0083, 160.8388

■ 31.3820, 22.3648,
9.8706

■ 31.3820, 22.3648,
9.8706

■ 29.2999, 19.2073,
6.0735

■ 34.0616, 26.3438,
15.0192

■ 27.7664, 16.8098,
3.4988

■ 37.3789, 31.1928,
21.6301

■ 26.7276, 15.1080,
1.9938

■ 41.3727, 36.9608,
29.8036

■ 26.2090, 14.2193,
1.3632

■ 46.0778, 43.6921,
39.6312

■ 51.5270, 51.4280,
51.1970

■ 57.7508, 60.2076,
64.5795

■ 64.7780, 70.0677,
79.8524

■ 72.6360, 81.0434,
97.0853

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



34.2262, 22.3648, 20.7608



31.3820, 22.3648, 9.8706



25.9019, 22.3648, 5.3014

Triad

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



31.3820, 22.3648, 9.8706



12.6275, 22.3648, 13.9121



22.6056, 22.3648, 71.2331

Complementary

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



31.3820, 22.3648, 9.8706



32.3865, 42.0888, 65.4483

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.



17.2037, 22.3648, 66.5952



31.3820, 22.3648, 9.8706



12.0640, 22.3648, 28.3340

Square

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



31.3820, 22.3648, 9.8706



15.2921, 22.3648, 6.7918



13.5842, 22.3648, 48.7040



28.6008, 22.3648, 59.4674

Rectangle

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



31.3820, 22.3648, 9.8706



21.8673, 22.3648, 4.4478



13.5842, 22.3648, 48.7040



20.6583, 22.3648, 71.6009

Sweetspot

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



31.3825, 22.3660, 9.8710



76.4152, 73.6784, 68.9373



37.7289, 22.4233, 50.9402



15.8401, 15.0361, 13.6660



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.



31.3825, 22.3660, 9.8710



45.9791, 29.2689, 8.0394



39.6261, 38.8533, 12.6189



11.9473, 12.0853, 12.3150



16.5557, 9.0443, 0.8732



0.9717, 0.5978, 0.0642

Inverse Universe

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



32.3865, 42.0888, 65.4483



47.5689, 63.1432, 104.2885



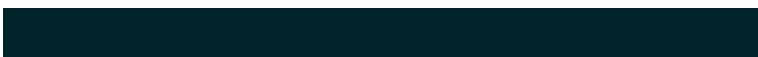
21.7762, 20.8682, 61.9116



12.0038, 13.0978, 15.1391



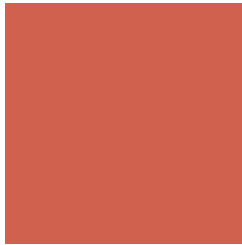
16.9943, 22.6351, 40.6658



0.9916, 1.3484, 2.2876

Previews

White Background



This preview shows how the XYZ color 31.3820, 22.3648, 9.8706 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 31.3820, 22.3648, 9.8706 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 31.3820, 22.3648, 9.8706

Background



This preview shows how black text looks on a background with the XYZ color 31.3820, 22.3648, 9.8706.



This preview shows how white text looks on a background with the XYZ color 31.3820, 22.3648,

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

31.3820, 22.3648, 9.8706

Protanopia

20.9891, 22.6507, 13.1633

Deuteranopia

23.0334, 22.6219, 9.4558



Tritanopia

32.3154, 22.3354, 14.6645

Trichromacy



Original Color

31.3820, 22.3648, 9.8706

Protanomaly

23.7936, 21.8649, 11.7704

Deuteranomaly

25.5322, 22.1166, 9.5798

Tritanomaly

32.0364, 22.3670, 12.7540

Monochromacy



Original Color

31.3820, 22.3648, 9.8706

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.0804, 21.0165, 17.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3820, 22.3648, 9.8706 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, 97, 78)` looks like.

```
.text, #text, p{  
    color:rgb(207, 97, 78)  
}
```

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, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 97, 78) }
```

Border

The CSS property to change the border of an element to XYZ 31.3820, 22.3648, 9.8706 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, 97, 78) }
```


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

```
.border{ border-color:rgb(207, 97, 78) }
```

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

Here you see how a box with a 4 pixel rgb(207, 97, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(207, 97,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3820, 22.3648, 9.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 97, 78) }
```

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

```
.background{ background-color: rgb(207, 97,  
78) }
```

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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