

Converting Colors

XYZ(31.0113, 19.4201, 6.8166)

Have a look what the booklet for
XYZ(31.0113, 19.4201, 6.8166)
contains.

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Color

**XYZ(31.0113, 19.4201,
6.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	D6493F
RGB	214, 73, 63
RGB Percent	84%, 29%, 25%
CMY	0.1608, 0.7137, 0.7529
CMYK	0.00, 0.66, 0.71, 0.16
HSL	4°, 65%, 54%
HSV	4°, 71%, 84%
XYZ	31.0113, 19.4201, 6.8166
YIQ	114.0190, 87.2460, 26.7820

Conversions

Conversions Part 2

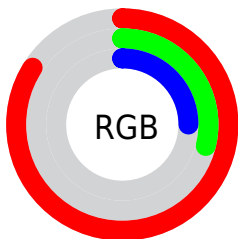
Format	Color
R_{YB}	214, 74, 63
Decimal	14043455
CIE Lab	51.18, 54.67, 36.40
CIE LCh	51, 65.680, 33.661
Yxy	19.4201, 0.5417, 0.3392
Android (android.graphics.Color)	4292233535 (0xFFD6493F)
YUV	114.0190, -25.1524, 87.6833
Hunter-Lab	44.0682, 48.4930, 21.6766

Details

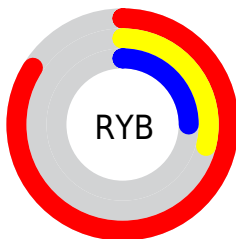
The XYZ color **31.0113, 19.4201, 6.8166** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **35.7782, 49.0933, 71.2082**, and the grayscale version is **16.0556, 16.8918, 18.3951**.

A 20% lighter version of the original color is **51.8284, 37.8460, 19.6123**, and **13.0664, 6.7224, 1.2250** is the 20% darker color. If you saturate the color by 10%, you get **29.4165, 17.0091, 3.8859**, and if you desaturate by 10%, it is **33.2609, 22.7695, 11.1119**.

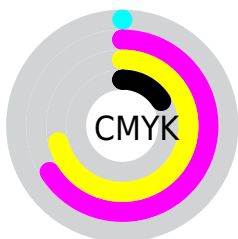
Distribution



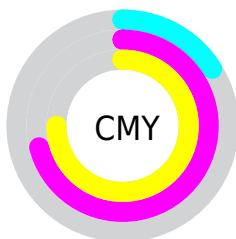
- Red (84%)
- Green (29%)
- Blue (25%)



- Red (84%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (71%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0113, 19.4201, 6.8166 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 31.0113, 19.4201, 6.8166 by changing the saturation by 10% instead.


 31.0113, 19.4201,
6.8166


 31.0113, 19.4201,
6.8166


298.4163,
248.7582, 175.7037


 20.7593, 11.9742,
3.2710


 60.6336, 42.4428,
20.1098

 13.0596, 6.7261,
1.2346


 80.7346, 58.7884,
30.6945

 7.5469, 3.2914,
0.0073


 104.8493, 78.8693,
44.4627

 3.8558, 1.2857,
0.0000

 133.3432,
103.0700, 61.8328

 1.6209, 0.1301,
0.0000

 166.5814,
131.7749, 83.2234

 0.4060, 0.0000,
0.0000

 204.9294,

 0.0000, 0.0000,

165.3682, 109.0530

0.0000

248.7526,
204.2346, 139.7403

■ 31.0113, 19.4201,
6.8166

■ 31.0113, 19.4201,
6.8166

■ 29.4165, 17.0091,
3.8859

■ 33.2609, 22.7695,
11.1119

■ 28.4046, 15.4375,
2.1539


■ 36.2246, 27.1366,
16.9100


■ 27.8909, 14.6151,
1.3510


■ 39.9564, 32.5960,
24.3330


■ 44.5050, 39.2145,
33.4903

■ 49.9147, 47.0536,
44.4819

 56.2270, 56.1703,
57.4000

 63.4803, 66.6181,
72.3308

 71.7111, 78.4474,
89.3551

 80.8571, 91.6674,
108.0397

Harmonies

Analogous

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



34.0454, 19.4201, 18.9304



31.0113, 19.4201, 6.8166



24.6110, 19.4201, 2.5150

Triad

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



31.0113, 19.4201, 6.8166



9.3346, 19.4201, 8.8633



19.2719, 19.4201, 81.1954

Complementary

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



31.0113, 19.4201, 6.8166



35.7782, 49.0933, 71.2082

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.



13.4272, 19.4201, 72.5443



31.0113, 19.4201, 6.8166



8.5464, 19.4201, 23.5263

Square

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



31.0113, 19.4201, 6.8166



12.3347, 19.4201, 3.1124



9.8530, 19.4201, 48.0086



26.3325, 19.4201, 67.4439

Rectangle

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



31.0113, 19.4201, 6.8166



19.8802, 19.4201, 1.7571



9.8530, 19.4201, 48.0086



17.1058, 19.4201, 80.8366

Sweetspot

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



31.0117, 19.4212, 6.8169



73.6668, 69.1606, 65.0030



40.7042, 22.3293, 60.8438



15.2643, 14.0745, 12.8882



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.



31.0117, 19.4212, 6.8169



42.8496, 23.9129, 4.2122



38.9152, 35.2281, 9.4514



12.4887, 12.5516, 12.9252



16.8854, 8.8879, 0.8256



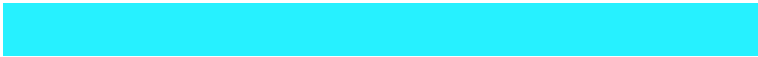
1.0422, 0.5836, 0.0577

Inverse Universe

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



35.7782, 49.0933, 71.2082



50.2055, 70.3307, 105.5368



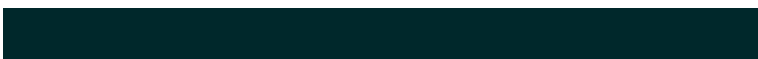
22.2971, 22.1310, 66.7144



12.7184, 13.9603, 15.9618



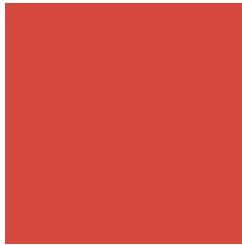
19.8252, 27.9121, 42.7958



1.2175, 1.7269, 2.5885

Previews

White Background



This preview shows how the XYZ color 31.0113, 19.4201, 6.8166 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 31.0113, 19.4201, 6.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

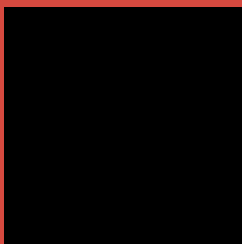
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0113, 19.4201, 6.8166

Background



This preview shows how black text looks on a background with the XYZ color 31.0113, 19.4201, 6.8166.



This preview shows how white text looks on a background with the XYZ color 31.0113, 19.4201,

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

31.0113, 19.4201, 6.8166

Protanopia

18.0804, 19.4848, 10.3974

Deuteranopia

19.9998, 19.6738, 6.3578



Tritanopia

31.2548, 19.3106, 8.7366

Trichromacy



Original Color

31.0113, 19.4201, 6.8166

Protanomaly

21.0866, 18.0764, 8.8563

Deuteranomaly

23.0966, 18.7268, 6.4003

Tritanomaly

31.1863, 19.3858, 8.0594

Monochromacy



Original Color

31.0113, 19.4201, 6.8166

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

19.1051, 16.2339, 12.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0113, 19.4201, 6.8166 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(214, 73, 63)` looks like.

```
.text, #text, p{  
    color:rgb(214, 73, 63)  
}
```

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(214, 73, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 73, 63) }
```

Border

The CSS property to change the border of an element to XYZ 31.0113, 19.4201, 6.8166 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(214, 73, 63) }
```


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

```
.border{ border-color:rgb(214, 73, 63) }
```

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

Here you see how a box with a 4 pixel rgb(214, 73, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 73, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 73, 63);  
box-shadow:4px 4px 4px 4px rgb(214, 73,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0113, 19.4201, 6.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 73, 63) }
```

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

```
.background{ background-color: rgb(214, 73,  
63) }
```

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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