

Converting Colors

XYZ(31.9320, 19.8703, 11.4815)

Have a look what the booklet for
XYZ(31.9320, 19.8703, 11.4815)
contains.

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Color

**XYZ(31.9418, 19.8983,
11.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	D64A58
RGB	214, 74, 88
RGB Percent	84%, 29%, 35%
CMY	0.1608, 0.7098, 0.6549
CMYK	0.00, 0.65, 0.59, 0.16
HSL	354°, 63%, 56%
HSV	354°, 65%, 84%
XYZ	31.9418, 19.8983, 11.3898
YIQ	117.4560, 78.9460, 34.0340

Conversions

Conversions Part 2

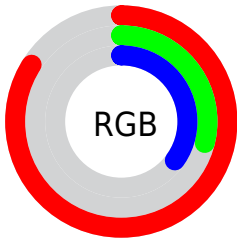
Format	Color
RYB	214, 74, 88
Decimal	14043736
CIELab	51.72, 55.72, 22.53
CIELCh	52, 60.100, 22.013
Yxy	19.8983, 0.5052, 0.3147
Android (android.graphics.Color)	4292233816 (0xFFD64A58)
YUV	117.4560, -14.5218, 84.6691
Hunter-Lab	44.6075, 49.7542, 16.0865

Details

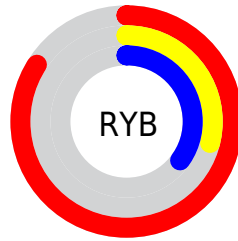
The XYZ color **31.9418, 19.8983, 11.3898** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **37.2974, 53.7196, 63.0514**, and the grayscale version is **17.0777, 17.9670, 19.5661**.

A 20% lighter version of the original color is **53.8101, 39.0602, 28.7480**, and **13.5838, 6.9684, 2.9146** is the 20% darker color. If you saturate the color by 10%, you get **30.0529, 17.2332, 7.3303**, and if you desaturate by 10%, it is **34.5282, 23.6214, 16.7218**.

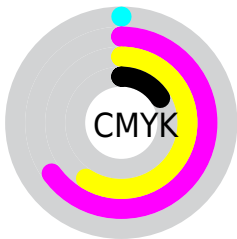
Distribution



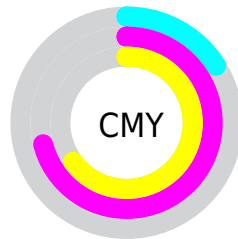
- Red (84%)
- Green (29%)
- Blue (35%)



- Red (84%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (59%)
- Black (16%)



- Cyan (16%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9418, 19.8983, 11.3898 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 31.9418, 19.8983, 11.3898 by changing the saturation by 10% instead.


 31.9418, 19.8983,
11.3898


 31.9418, 19.8983,
11.3898


302.6040,
251.3640, 211.1552

 21.4724, 12.3211,
6.2122


 62.0856, 43.2466,
29.0263

 13.5842, 6.9628,
2.9037


 82.4908, 59.7866,
42.3224


 7.9118, 3.4388,
1.0457


 106.9385, 80.0829,
59.1616

 4.0899, 1.3649,
0.0000

 135.7943,
104.5200, 79.9626

 1.7531, 0.1906,
0.0000

 169.4233,
133.4822, 105.1440

 0.4892, 0.0000,
0.0000

208.1911,

 0.0000, 0.0000,

167.3541, 135.1241

0.0000

252.4629,
206.5199, 170.3217

■ 31.9418, 19.8983,
11.3898

■ 31.9418, 19.8983,
11.3898

■ 30.0529, 17.2332,
7.3303

■ 34.5282, 23.6214,
16.7218

■ 28.7914, 15.5128,
4.4358

■ 37.8702, 28.4941,
23.4200

■ 28.0750, 14.6039,
2.5820

■ 42.0214, 34.6016,
31.5701

■ 27.8704, 14.3517,
2.0297

■ 47.0301, 42.0205,
41.2508

■ 52.9409, 50.8209,
52.5350

■ 59.7952, 61.0681,
65.4907

■ 67.6318, 72.8230,
80.1824

■ 76.4874, 86.1434,
96.6708

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



33.0003, 19.8983, 26.6551



31.9418, 19.8983, 11.3898



27.0524, 19.8983, 4.5482

Triad

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



31.9418, 19.8983, 11.3898



11.1189, 19.8983, 6.9089



17.3355, 19.8983, 74.5548

Complementary

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



31.9418, 19.8983, 11.3898



37.2974, 53.7196, 63.0514

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.



12.5954, 19.8983, 60.1777



31.9418, 19.8983, 11.3898



9.5426, 19.8983, 17.3417

Square

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



31.9418, 19.8983, 11.3898



14.8634, 19.8983, 3.0958



10.0182, 19.8983, 36.7804



23.6378, 19.8983, 69.8387

Rectangle

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



31.9418, 19.8983, 11.3898



22.7544, 19.8983, 2.8813



10.0182, 19.8983, 36.7804



15.5298, 19.8983, 71.6073

Sweetspot

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



31.9423, 19.8994, 11.3901



74.3536, 69.0540, 69.7947



38.4065, 22.0332, 65.8466



15.3908, 14.0007, 13.9373



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.



31.9423, 19.8994, 11.3901



43.9628, 24.6196, 9.2687



36.9511, 30.7573, 10.4694



12.4732, 12.4408, 13.1661



16.8637, 8.6818, 1.3204



1.0347, 0.5307, 0.1723

Inverse Universe

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



31.9423, 19.8994, 11.3901



43.9628, 24.6196, 9.2687



27.1897, 30.7661, 68.1234



12.4732, 12.4408, 13.1661



16.8637, 8.6818, 1.3204



1.0347, 0.5307, 0.1723

Previews

White Background



This preview shows how the XYZ color 31.9418, 19.8983, 11.3898 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 31.9418, 19.8983, 11.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

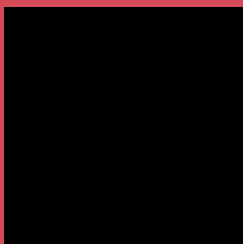
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9418, 19.8983, 11.3898

Background



This preview shows how black text looks on a background with the XYZ color 31.9418, 19.8983, 11.3898.



This preview shows how white text looks on a background with the XYZ color 31.9418, 19.8983,

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

31.9418, 19.8983, 11.3898

Protanopia

18.9507, 19.9588, 17.6055

Deuteranopia

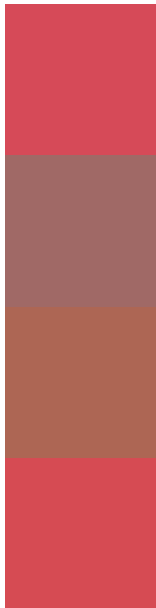
20.3581, 19.9405, 10.5605



Tritanopia

31.6956, 19.9075, 9.7614

Trichromacy



Original Color

31.9418, 19.8983, 11.3898

Protanomaly

21.9471, 18.5360, 14.9915

Deuteranomaly

23.5852, 19.0271, 10.8170

Tritanomaly

31.8090, 19.9528, 10.3584

Monochromacy



Original Color

31.9418, 19.8983, 11.3898

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.2041, 17.0234, 15.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9418, 19.8983, 11.3898 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, 74, 88)` looks like.

```
.text, #text, p{  
    color:rgb(214, 74, 88)  
}
```

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, 74, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 74, 88) }
```

Border

The CSS property to change the border of an element to XYZ 31.9418, 19.8983, 11.3898 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, 74, 88) }
```


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

```
.border{ border-color:rgb(214, 74, 88) }
```

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

Here you see how a box with a 4 pixel rgb(214, 74, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 74, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 74, 88);  
box-shadow:4px 4px 4px 4px rgb(214, 74,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9418, 19.8983, 11.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 74, 88) }
```

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

```
.background{ background-color: rgb(214, 74,  
88) }
```

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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