

Converting Colors

XYZ(31.8578, 21.9881, 11.7278)

Have a look what the booklet for
XYZ(31.8578, 21.9881, 11.7278)
contains.

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Color

**XYZ(31.9703, 22.0886,
11.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	D15D58
RGB	209, 93, 88
RGB Percent	82%, 36%, 35%
CMY	0.1804, 0.6353, 0.6549
CMYK	0.00, 0.55, 0.58, 0.18
HSL	2°, 57%, 58%
HSV	2°, 58%, 82%
XYZ	31.9703, 22.0886, 11.8110
YIQ	127.1140, 70.7410, 23.0370

Conversions

Conversions Part 2

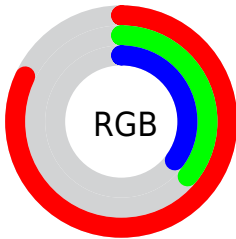
Format	Color
R_{YB}	209, 93, 88
Decimal	13720920
CIE _{Lab}	54.12, 45.48, 25.51
CIE _{LCh}	54, 52.151, 29.292
Yxy	22.0886, 0.4854, 0.3353
Android (android.graphics.Color)	4291911000 (0xFFD15D58)
YUV	127.1140, -19.2832, 71.8140
Hunter-Lab	46.9985, 39.1756, 17.9990

Details

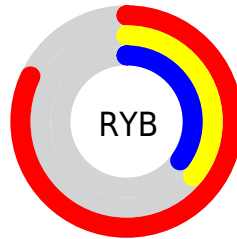
The XYZ color **31.9703, 22.0886, 11.8110** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **37.1244, 49.8606, 67.9887**, and the grayscale version is **20.2599, 21.3150, 23.2120**.

A 20% lighter version of the original color is **56.2612, 43.9624, 29.5651**, and **13.5711, 8.0743, 3.0337** is the 20% darker color. If you saturate the color by 10%, you get **29.6912, 18.7231, 7.3751**, and if you desaturate by 10%, it is **34.9592, 26.4769, 17.7080**.

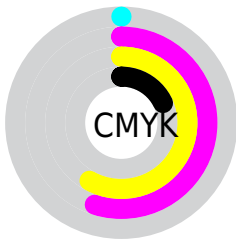
Distribution



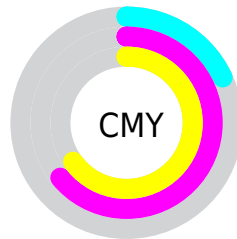
- Red (82%)
- Green (36%)
- Blue (35%)



- Red (82%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (58%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9703, 22.0886, 11.8110 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 31.9703, 22.0886, 11.8110 by changing the saturation by 10% instead.


 31.9703, 22.0886,
11.8110


 31.9703, 22.0886,
11.8110


302.7316,
263.0086, 214.0833


 21.4943, 13.9220,
6.4941


 62.1300, 46.8924,
29.8096

 13.6003, 8.0664,
3.0742


 82.5444, 64.2984,
43.3285


 7.9230, 4.1375,
1.1326


 107.0023, 85.5530,
60.4184

 4.0971, 1.7508,
0.0000

 135.8691,
111.0405, 81.4980

 1.7572, 0.4562,
0.0000

 169.5100,
141.1455, 106.9858

 0.4917, 0.0000,
0.0000

208.2905,

 0.0000, 0.0000,

176.2522, 137.3002

0.0000

252.5759,
216.7451, 172.8599

■ 31.9703, 22.0886,
11.8110

■ 31.9703, 22.0886,
11.8110

■ 29.6912, 18.7231,
7.3751

■ 34.9592, 26.4769,
17.7080

■ 28.0617, 16.2945,
4.2717

■ 38.7084, 31.9579,
25.1773

■ 27.0142, 14.7090,
2.3521

■ 43.2657, 38.5993,
34.3209

■ 26.4607, 13.8493,
1.4049

■ 48.6744, 46.4624,
45.2316

■ 26.3882, 13.7430,
1.2618

■ 54.9749, 55.6042,
57.9956

■ 62.2047, 66.0781,
72.6934

■ 70.3996, 77.9345,
89.4008

■ 79.5609, 91.2083,
108.0194

■ 80.1044, 92.2952,
108.2006

Harmonies

Analogous

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



33.8438, 22.0886, 24.4376



31.9703, 22.0886, 11.8110



27.0476, 22.0886, 5.9889

Triad

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



31.9703, 22.0886, 11.8110



12.9686, 22.0886, 11.4009



20.8605, 22.0886, 70.5252

Complementary

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



31.9703, 22.0886, 11.8110



37.1244, 49.8606, 67.9887

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.



15.9195, 22.0886, 61.9612



31.9703, 22.0886, 11.8110



11.8949, 22.0886, 23.6679

Square

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



31.9703, 22.0886, 11.8110



16.1138, 22.0886, 5.8378



12.8713, 22.0886, 42.7177



26.7730, 22.0886, 62.6872

Rectangle

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



31.9703, 22.0886, 11.8110



23.0793, 22.0886, 4.5998



12.8713, 22.0886, 42.7177



19.0393, 22.0886, 69.4254

Sweetspot

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



31.9708, 22.0898, 11.8114



76.9855, 73.8078, 72.2449



40.7995, 24.9410, 60.4000



16.0811, 15.2213, 14.6608



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.



31.9708, 22.0898, 11.8114



46.0073, 28.5337, 10.4894



39.3709, 36.8899, 14.2781



11.8474, 11.8855, 12.2817



16.2880, 8.5090, 0.7839



0.9248, 0.5040, 0.0485

Inverse Universe

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



37.1244, 49.8606, 67.9887



54.7600, 75.8471, 106.3615



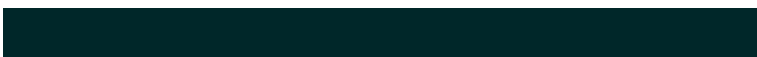
25.5773, 26.7664, 64.1397



12.1147, 13.3197, 15.1761



19.8996, 28.4458, 41.6343



1.1260, 1.6171, 2.3324

Previews

White Background



This preview shows how the XYZ color 31.9703, 22.0886, 11.8110 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 31.9703, 22.0886, 11.8110 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 31.9703, 22.0886, 11.8110

Background



This preview shows how black text looks on a background with the XYZ color 31.9703, 22.0886, 11.8110.



This preview shows how white text looks on a background with the XYZ color 31.9703, 22.0886,

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

31.9703, 22.0886, 11.8110

Protanopia

20.9626, 22.3680, 16.3093

Deuteranopia

22.6736, 22.2079, 11.2751



Tritanopia

32.6101, 22.2378, 14.1289

Trichromacy



Original Color

31.9703, 22.0886, 11.8110

Protanomaly

23.8757, 21.4969, 14.4462

Deuteranomaly

25.4493, 21.6962, 11.4408

Tritanomaly

32.4259, 22.1641, 13.1587

Monochromacy



Original Color

31.9703, 22.0886, 11.8110

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.0160, 20.6218, 18.3901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9703, 22.0886, 11.8110 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(209, 93, 88)` looks like.

```
.text, #text, p{  
    color:rgb(209, 93, 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(209, 93, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 93, 88) }
```

Border

The CSS property to change the border of an element to XYZ 31.9703, 22.0886, 11.8110 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(209, 93, 88) }
```


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

```
.border{ border-color:rgb(209, 93, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 93, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 93, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 93, 88);  
box-shadow:4px 4px 4px 4px rgb(209, 93,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9703, 22.0886, 11.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 93, 88) }
```

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

```
.background{ background-color: rgb(209, 93,  
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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