

Converting Colors

XYZ(21.0765, 21.1507, 31.0389)

Have a look what the booklet for
XYZ(21.0765, 21.1507, 31.0389)
contains.

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Color

**XYZ(20.9911, 21.0904,
30.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7D94
RGB	124, 125, 148
RGB Percent	49%, 49%, 58%
CMY	0.5137, 0.5098, 0.4196
CMYK	0.16, 0.16, 0.00, 0.42
HSL	237°, 10%, 53%
HSV	237°, 16%, 58%
XYZ	20.9911, 21.0904, 30.9815
YIQ	127.3230, -7.9790, 6.9410

Conversions

Conversions Part 2

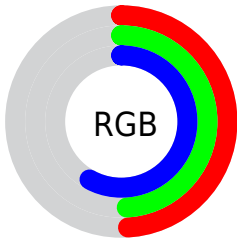
Format	Color
RYB	124, 125, 148
Decimal	8158612
CIELab	53.05, 4.61, -12.50
CIElCh	53, 13.319, 290.235
Yxy	21.0904, 0.2873, 0.2887
Android (android.graphics.Color)	4286348692 (0xFF7C7D94)
YUV	127.3230, 10.1938, -2.9143
Hunter-Lab	45.9243, 1.2214, -7.8513

Details

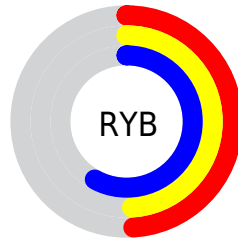
The XYZ color **20.9911, 21.0904, 30.9815** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.2848, 28.6187, 23.2079**, and the grayscale version is **20.2523, 21.3070, 23.2034**.

A 20% lighter version of the original color is **44.7125, 45.4522, 62.2937**, and **7.6438, 7.5278, 12.3594** is the 20% darker color. If you saturate the color by 10%, you get **17.3417, 16.7318, 30.3329**, and if you desaturate by 10%, it is **25.2193, 26.1291, 31.7315**.

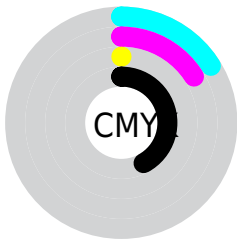
Distribution



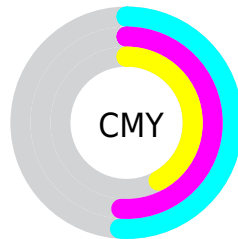
- Red (49%)
- Green (49%)
- Blue (58%)



- Red (49%)
- Yellow (49%)
- Blue (58%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9911, 21.0904, 30.9815 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 20.9911, 21.0904, 30.9815 by changing the saturation by 10% instead.

■ 20.9911, 21.0904,
30.9815

■ 20.9911, 21.0904,
30.9815

249.9638,
257.7585, 320.8016

■ 13.2299, 13.1901,
20.3264

■ 44.5641, 45.2379,
62.2902

■ 7.6652, 7.5596,
12.4461

■ 61.1066, 62.2540,
83.7809

■ 3.9314, 3.8145,
6.9220

■ 81.3070, 83.0773,
109.7205

■ 1.6634, 1.5703,
3.3357

105.5306,
108.0925, 140.5276

■ 0.4332, 0.3375,
1.2685

134.1427,
137.6838, 176.6207

■ 0.0000, 0.0000,
0.0358

167.5087,

■ 0.0000, 0.0000,

172.2356, 218.4184

0.0000

205.9939,
212.1324, 266.3392

■ 20.9911, 21.0904,
30.9815

■ 20.9911, 21.0904,
30.9815

■ 17.3417, 16.7318,
30.3329

■ 25.2193, 26.1291,
31.7315

■ 14.2440, 13.0216,
29.7800

■ 30.0477, 31.8724,
32.5856

■ 11.6717, 9.9297,
29.3188

■ 35.4994, 38.3469,
33.5480

■ 9.5958, 7.4224,
28.9442

■ 41.5954, 45.5772,
34.6223

■ 7.9841, 5.4629,
28.6510

■ 48.3557, 53.5864,
35.8119

■ 6.8010, 4.0103,
28.4329

■ 55.7997, 62.3970,
37.1202

■ 6.0054, 3.0177,
28.2833

■ 63.9458, 72.0303,
38.5503

■ 5.5414, 2.4262,
28.1936

■ 72.8117, 82.5068,
40.1052

■ 5.4124, 2.2722,
28.1706

■ 81.5995, 93.4265,
41.7497

Harmonies

Analogous

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



19.5928, 21.0904, 31.4281



20.9911, 21.0904, 30.9815



22.1865, 21.0904, 28.2552

Triad

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



20.9911, 21.0904, 30.9815



21.8170, 21.0904, 17.5342



17.5088, 21.0904, 21.6812

Complementary

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



20.9911, 21.0904, 30.9815



26.2848, 28.6187, 23.2079

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.



18.0474, 21.0904, 18.3782



20.9911, 21.0904, 30.9815



20.5057, 21.0904, 16.1747

Square

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



20.9911, 21.0904, 30.9815



22.6785, 21.0904, 20.3999



19.1293, 21.0904, 16.4646



17.6252, 21.0904, 25.7342

Rectangle

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



20.9911, 21.0904, 30.9815



22.6867, 21.0904, 25.6702



19.1293, 21.0904, 16.4646



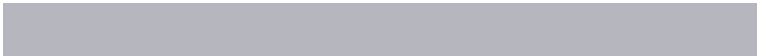
17.6182, 21.0904, 20.4548

Sweetspot

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



20.9917, 21.0913, 30.9820



45.3948, 47.1710, 56.1469



24.1533, 27.5656, 31.5696



10.2451, 10.6282, 12.7963



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9917, 21.0913, 30.9820



34.8927, 34.6534, 54.2843



22.5130, 21.6883, 31.0170



5.5177, 5.6695, 7.2732



4.6281, 1.9510, 24.0637



0.0605, 0.0316, 0.2958

Inverse Universe

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



23.1226, 22.1924, 22.4678



39.2927, 36.9372, 36.7015



24.5778, 27.9707, 23.1729



5.8100, 5.8191, 6.1057



10.4631, 5.3903, 0.6539



0.1300, 0.0668, 0.0182

Previews

White Background



This preview shows how the XYZ color 20.9911, 21.0904, 30.9815 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 20.9911, 21.0904, 30.9815 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 20.9911, 21.0904, 30.9815

Background



This preview shows how black text looks on a background with the XYZ color 20.9911, 21.0904, 30.9815.



This preview shows how white text looks on a background with the XYZ color 20.9911, 21.0904,

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

20.9911, 21.0904, 30.9815

Protanopia

20.8322, 21.1974, 31.0105

Deuteranopia

21.4550, 21.1426, 30.9671



Tritanopia

20.1308, 21.1225, 26.6829

Trichromacy



Original Color

20.9911, 21.0904, 30.9815

Protanomaly

20.9745, 21.2708, 31.0172

Deuteranomaly

21.3053, 21.0654, 30.9601

Tritanomaly

20.4370, 21.0558, 28.1863

Monochromacy



Original Color

20.9911, 21.0904, 30.9815

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4382, 21.1066, 25.9184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9911, 21.0904, 30.9815 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(124, 125, 148)` looks like.

```
.text, #text, p{  
    color:rgb(124, 125, 148)  
}
```

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(124, 125, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 125, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.9911, 21.0904, 30.9815 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(124, 125, 148) }
```


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

```
.border{ border-color:rgb(124, 125, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 125, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 125, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 125, 148);  
box-shadow:4px 4px 4px 4px rgb(124, 125,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9911, 21.0904, 30.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 125, 148) }
```

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

```
.background{ background-color: rgb(124,  
125, 148) }
```

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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