

Converting Colors

XYZ(21.1692, 21.7347, 31.2678)

Have a look what the booklet for
XYZ(21.1692, 21.7347, 31.2678)
contains.

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Color

**XYZ(21.0905, 21.7140,
31.0966)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7A8094 |
| RGB | 122, 128, 148 |
| RGB Percent | 48%, 50%, 58% |
| CMY | 0.5216, 0.4980, 0.4196 |
| CMYK | 0.18, 0.14, 0.00, 0.42 |
| HSL | 226°, 11%, 53% |
| HSV | 226°, 18%, 58% |
| XYZ | 21.0905, 21.7140, 31.0966 |
| YIQ | 128.4860, -9.9960, 4.9480 |

Conversions

Conversions Part 2

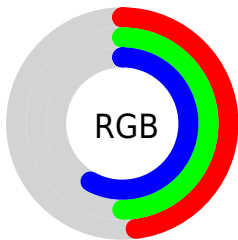
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 122, 127, 148 |
| Decimal | 8028308 |
| CIE Lab | 53.72, 2.18, -11.50 |
| CIE LCh | 54, 11.702, 280.727 |
| Yxy | 21.7140, 0.2854, 0.2938 |
| Android (android.graphics.Color) | 4286218388 (0xFF7A8094) |
| YUV | 128.4860, 9.6204, -5.6882 |
| Hunter-Lab | 46.5983, -0.7574, -6.9474 |

Details

The XYZ color **21.0905, 21.7140, 31.0966** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3988, 27.0471, 22.2948**, and the grayscale version is **20.6573, 21.7330, 23.6673**.

A 20% lighter version of the original color is **44.8637, 46.4260, 62.4737**, and **7.7013, 7.8715, 12.4227** is the 20% darker color. If you saturate the color by 10%, you get **17.7500, 17.9104, 30.5388**, and if you desaturate by 10%, it is **24.9181, 26.0172, 31.7258**.

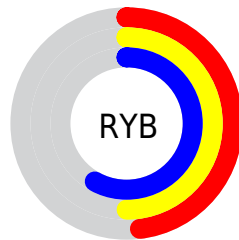
Distribution



Red (48%)

Green (50%)

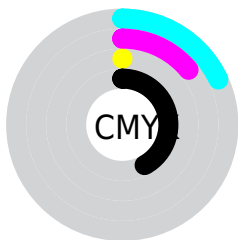
Blue (58%)



Red (48%)

Yellow (50%)

Blue (58%)

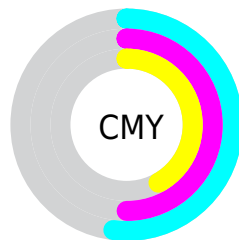


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (52%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0905, 21.7140, 31.0966 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 21.0905, 21.7140, 31.0966 by changing the saturation by 10% instead.

■ 21.0905, 21.7140,
31.0966

■ 21.0905, 21.7140,
31.0966

250.4817,
261.0491, 321.3481

■ 13.3030, 13.6469,
20.4133

■ 44.7282, 46.2728,
62.4735

■ 7.7160, 7.8755,
12.5088

■ 61.3092, 63.5334,
84.0042

■ 3.9640, 4.0154,
6.9645

■ 81.5520, 84.6272,
109.9878

■ 1.6818, 1.6822,
3.3618

105.8221,
109.9387, 140.8428

■ 0.4448, 0.4121,
1.2822

134.4847,
139.8522, 176.9878

■ 0.0000, 0.0000,
0.0471

167.9053,

■ 0.0000, 0.0000,

174.7522, 218.8413

0.0000

206.4492,
215.0230, 266.8219

■ 21.0905, 21.7140,
31.0966

■ 21.0905, 21.7140,
31.0966

■ 17.7500, 17.9104,
30.5388

■ 24.9181, 26.0172,
31.7258

■ 14.8747, 14.5852,
30.0486

■ 29.2496, 30.8346,
32.4274

■ 12.4441, 11.7200,
29.6236

■ 34.1032, 36.1838,
33.2041

■ 10.4352, 9.2936,
29.2612

■ 39.4959, 42.0804,
34.0580

■ 8.8229, 7.2836,
28.9582

■ 45.4436, 48.5397,
34.9913

■ 7.5792, 5.6651,
28.7113

■ 51.9618, 55.5761,
36.0059

■ 6.6723, 4.4104,
28.5169

■ 59.0653, 63.2036,
37.1038

■ 6.0499, 3.4802,
28.3702

■ 66.7682, 71.4358,
38.2867

■ 5.9220, 3.2914,
28.3405

■ 75.0099, 80.2472,
39.5531

Harmonies

Analogous

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



19.8529, 21.7140, 30.7780



21.0905, 21.7140, 31.0966



22.2518, 21.7140, 29.2711

Triad

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



21.0905, 21.7140, 31.0966



22.5201, 21.7140, 19.4179



18.4453, 21.7140, 21.4362

Complementary

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



21.0905, 21.7140, 31.0966



25.3988, 27.0471, 22.2948

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.



19.1051, 21.7140, 18.7867



21.0905, 21.7140, 31.0966



21.4446, 21.7140, 17.7056

Square

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



21.0905, 21.7140, 31.0966



23.0991, 21.7140, 22.3809



20.1930, 21.7140, 17.4869



18.3591, 21.7140, 24.9514

Rectangle

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



21.0905, 21.7140, 31.0966



22.8138, 21.7140, 27.1824



20.1930, 21.7140, 17.4869



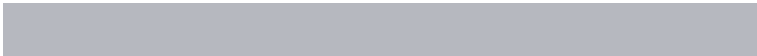
18.6061, 21.7140, 20.4247

Sweetspot

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



21.0912, 21.7149, 31.0971



45.7678, 47.9169, 56.2713



23.4939, 27.2688, 29.5905



10.3402, 10.8184, 12.8280



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.



21.0912, 21.7149, 31.0971



34.8432, 35.6261, 54.4747



21.3485, 20.7196, 30.8914



5.6017, 5.8374, 7.3012



5.0765, 2.8477, 24.2131



0.0814, 0.0735, 0.3028

Inverse Universe

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



23.0691, 21.7740, 23.4100



39.0060, 35.8208, 38.2803



25.0990, 28.2539, 22.5436



5.8524, 5.8360, 6.3289



10.6894, 5.4808, 1.8456



0.1406, 0.0710, 0.0739

Previews

White Background



This preview shows how the XYZ color 21.0905, 21.7140, 31.0966 looks on a white background.

Color Contrast Check

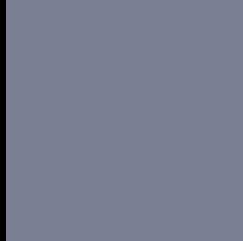
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0905, 21.7140, 31.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

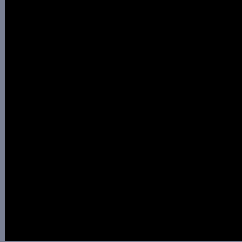
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0905, 21.7140, 31.0966

Background



This preview shows how black text looks on a background with the XYZ color 21.0905, 21.7140, 31.0966.



This preview shows how white text looks on a background with the XYZ color 21.0905, 21.7140,

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

21.0905, 21.7140, 31.0966

Protanopia

21.3921, 21.6768, 31.0735

Deuteranopia

22.1185, 21.6625, 31.4493



Tritanopia

20.3296, 21.5870, 27.9062

Trichromacy



Original Color

21.0905, 21.7140, 31.0966

Protanomaly

21.2468, 21.6019, 31.0667

Deuteranomaly

21.7878, 21.6808, 31.4702

Tritanomaly

20.6933, 21.7486, 29.0939

Monochromacy



Original Color

21.0905, 21.7140, 31.0966

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.6965, 21.6232, 26.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0905, 21.7140, 31.0966 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(122, 128, 148)` looks like.

```
.text, #text, p{  
    color:rgb(122, 128, 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(122, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.0905, 21.7140, 31.0966 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(122, 128, 148) }
```


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

```
.border{ border-color:rgb(122, 128, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 128, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 128, 148);  
box-shadow:4px 4px 4px 4px rgb(122, 128,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0905, 21.7140, 31.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 128, 148) }
```

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

```
.background{ background-color: rgb(122,  
128, 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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