

Converting Colors

XYZ(18.4006, 21.1383, 27.2316)

Have a look what the booklet for
XYZ(18.4006, 21.1383, 27.2316)
contains.

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Color

**XYZ(18.4322, 21.2211,
27.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	67848A
RGB	103, 132, 138
RGB Percent	40%, 52%, 54%
CMY	0.5961, 0.4823, 0.4588
CMYK	0.25, 0.04, 0.00, 0.46
HSL	190°, 15%, 47%
HSV	190°, 25%, 54%
XYZ	18.4322, 21.2211, 27.1694
YIQ	124.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

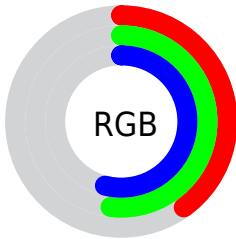
Format	Color
R_{YB}	103, 119, 138
Decimal	6784138
CIE _{Lab}	53.19, -8.82, -6.62
CIE _{LCh}	53, 11.030, 216.874
Yxy	21.2211, 0.2758, 0.3176
Android (android.graphics.Color)	4284974218 (0xFF67848A)
YUV	124.0130, 6.8956, -18.4284
Hunter-Lab	46.0664, -9.1942, -2.7221

Details

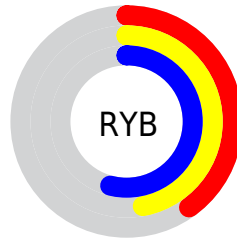
The XYZ color **18.4322, 21.2211, 27.1694** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3982, 17.3198, 15.2056**, and the grayscale version is **19.1453, 20.1424, 21.9350**.

A 20% lighter version of the original color is **40.2705, 45.4281, 55.9362**, and **6.4303, 7.7033, 10.3805** is the 20% darker color. If you saturate the color by 10%, you get **16.6612, 19.8379, 26.9961**, and if you desaturate by 10%, it is **20.4730, 22.7552, 27.3583**.

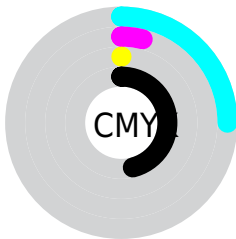
Distribution



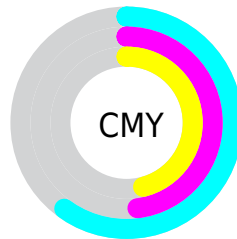
- Red (40%)
- Green (52%)
- Blue (54%)



- Red (40%)
- Yellow (47%)
- Blue (54%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (60%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4322, 21.2211, 27.1694 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 18.4322, 21.2211, 27.1694 by changing the saturation by 10% instead.

■ 18.4322, 21.2211,
27.1694

■ 18.4322, 21.2211,
27.1694

236.2947,
258.4512, 302.2625

■ 11.3623, 13.2857,
17.4669

■ 40.2968, 45.4552,
56.1626

■ 6.3802, 7.6256,
10.4025

■ 55.8221, 62.5227,
76.2904

■ 3.1204, 3.8563,
5.5575

■ 74.8967, 83.4031,
100.7305

■ 1.2178, 1.5935,
2.5136

■ 97.8858, 108.4807,
129.9012

■ 0.1203, 0.3532,
0.8473

125.1548,
138.1399, 164.2213

■ 0.0000, 0.0000,
0.0000

157.0690,

172.7651, 204.1091

193.9939,
212.7407, 249.9834

■ 18.4322, 21.2211,
27.1694

■ 18.4322, 21.2211,
27.1694

■ 16.6612, 19.8379,
26.9961

■ 20.4730, 22.7552,
27.3583

■ 15.1453, 18.5964,
26.8364

■ 22.7937, 24.4440,
27.5620

■ 13.8711, 17.4902,
26.6900

■ 25.4062, 26.2941,
27.7814

■ 12.8235, 16.5113,
26.5563

■ 28.3210, 28.3111,
28.0171

■ 11.9851, 15.6509,
26.4344

■ 31.5484, 30.5003,
28.2695

■ 11.3365, 14.8987,
26.3234

■ 35.0977, 32.8666,
28.5392

■ 10.8496, 14.2402,
26.2219

■ 38.9784, 35.4149,
28.8265

■ 10.6445, 13.9490,
26.1765

■ 43.1990, 38.1497,
29.1319

■ 47.7683, 41.0756,
29.4559

Harmonies

Analogous

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



18.0288, 21.2211, 23.8818



18.4322, 21.2211, 27.1694



19.3038, 21.2211, 29.5158

Triad

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



18.4322, 21.2211, 27.1694



22.2989, 21.2211, 25.7160



19.9034, 21.2211, 17.3092

Complementary

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



18.4322, 21.2211, 27.1694



18.3982, 17.3198, 15.2056

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.



21.0618, 21.2211, 17.6989



18.4322, 21.2211, 27.1694



22.4745, 21.2211, 22.3476

Square

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



18.4322, 21.2211, 27.1694



21.5429, 21.2211, 28.6219



22.0138, 21.2211, 19.4697



18.8567, 21.2211, 18.3489

Rectangle

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



18.4322, 21.2211, 27.1694



20.0482, 21.2211, 30.1150



22.0138, 21.2211, 19.4697



20.2923, 21.2211, 17.2791

Sweetspot

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



18.4328, 21.2220, 27.1699



38.9772, 42.2218, 48.4785



17.4337, 22.1615, 17.7801



8.6163, 9.3788, 10.8625



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.4328, 21.2220, 27.1699



30.7844, 36.0869, 47.7261



16.2741, 16.9045, 26.4503



5.1012, 5.5453, 6.4073



9.7686, 12.8075, 24.0029



0.0738, 0.1029, 0.1624

Inverse Universe

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



19.4968, 16.7701, 24.0402



32.9941, 27.0555, 41.1785



20.4333, 21.3900, 15.8840



5.1977, 5.1145, 6.1294



12.4175, 6.0771, 15.2349



0.0870, 0.0422, 0.1249

Previews

White Background



This preview shows how the XYZ color 18.4322, 21.2211, 27.1694 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 18.4322, 21.2211, 27.1694 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

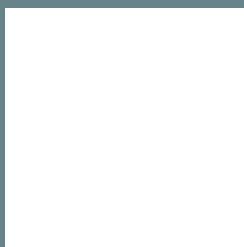
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4322, 21.2211, 27.1694

Background



This preview shows how black text looks on a background with the XYZ color 18.4322, 21.2211, 27.1694.



This preview shows how white text looks on a background with the XYZ color 18.4322, 21.2211,

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

18.4322, 21.2211, 27.1694

Protanopia

20.5163, 21.1550, 25.5562

Deuteranopia

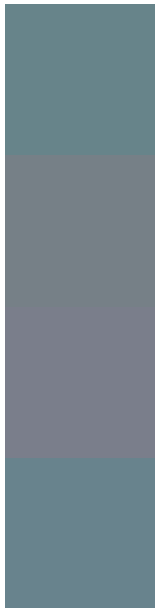
21.4894, 21.0459, 27.7406



Tritanopia

18.7077, 21.1286, 28.6834

Trichromacy



Original Color

18.4322, 21.2211, 27.1694

Protanomaly

19.5636, 21.0392, 25.9515

Deuteranomaly

20.1471, 20.9234, 27.4028

Tritanomaly

18.6329, 21.0987, 28.2897

Monochromacy



Original Color

18.4322, 21.2211, 27.1694

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.7543, 20.4767, 23.7328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4322, 21.2211, 27.1694 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(103, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(103, 132, 138)  
}
```

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(103, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 132, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.4322, 21.2211, 27.1694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

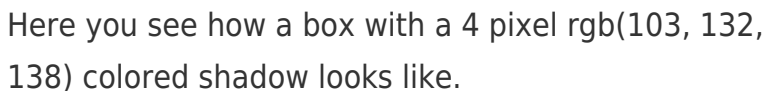
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 132, 138) }
```


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

```
.border{ border-color:rgb(103, 132, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 132, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 132, 138); box-shadow:4px 4px 4px 4px rgb(103, 132, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4322, 21.2211, 27.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 132, 138) }
```

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

```
.background{ background-color: rgb(103,  
132, 138) }
```

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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