

Converting Colors

XYZ(19.2242, 20.8085, 30.0888)

Have a look what the booklet for
XYZ(19.2242, 20.8085, 30.0888)
contains.

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Color

**XYZ(19.2142, 20.7649,
30.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8092
RGB	109, 128, 146
RGB Percent	43%, 50%, 57%
CMY	0.5725, 0.4980, 0.4274
CMYK	0.25, 0.12, 0.00, 0.43
HSL	209°, 15%, 50%
HSV	209°, 25%, 57%
XYZ	19.2142, 20.7649, 30.1895
YIQ	124.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

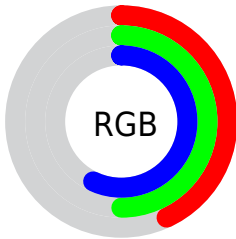
Format	Color
R _Y B	109, 122, 146
Decimal	7176338
CIE Lab	52.69, -2.63, -11.98
CIE LCh	53, 12.268, 257.599
Yxy	20.7649, 0.2738, 0.2959
Android (android.graphics.Color)	4285366418 (0xFF6D8092)
YUV	124.3710, 10.6631, -13.4804
Hunter-Lab	45.5685, -4.4795, -7.3821

Details

The XYZ color **19.2142, 20.7649, 30.1895** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.2041, 22.3941, 17.6208**, and the grayscale version is **19.2521, 20.2547, 22.0574**.

A 20% lighter version of the original color is **41.6471, 44.7949, 61.0948**, and **6.7250, 7.3788, 11.8963** is the 20% darker color. If you saturate the color by 10%, you get **16.6711, 18.1269, 29.8147**, and if you desaturate by 10%, it is **22.1218, 23.6881, 30.6008**.

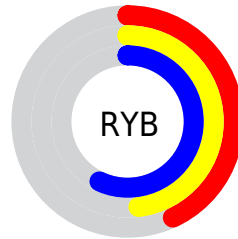
Distribution



Red (43%)

Green (50%)

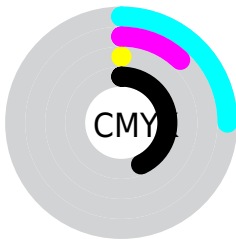
Blue (57%)



Red (43%)

Yellow (48%)

Blue (57%)

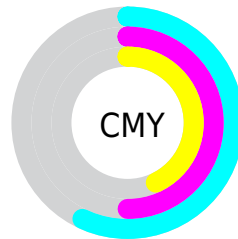


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (57%)

Magenta (50%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2142, 20.7649, 30.1895 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 19.2142, 20.7649, 30.1895 by changing the saturation by 10% instead.

■ 19.2142, 20.7649,
30.1895

■ 19.2142, 20.7649,
30.1895

240.5442,
256.0264, 317.0215

■ 11.9301, 12.9523,
19.7292

■ 41.6098, 44.6959,
61.0263

■ 6.7679, 7.3957,
12.0162

■ 57.4520, 61.5831,
82.2398

■ 3.3624, 3.7108,
6.6321

■ 76.8776, 82.2639,
107.8749

■ 1.3482, 1.5131,
3.1581

■ 100.2520,
107.1228, 138.3500

■ 0.2189, 0.2979,
1.1759

127.9405,
136.5441, 174.0836

■ 0.0000, 0.0000,
0.0000

160.3084,

170.9122, 215.4944

197.7212,
210.6115, 263.0009

■ 19.2142, 20.7649,
30.1895

■ 19.2142, 20.7649,
30.1895

■ 16.6711, 18.1269,
29.8147

■ 22.1218, 23.6881,
30.6008

■ 14.4745, 15.7613,
29.4739

■ 25.4070, 26.9036,
31.0483

■ 12.6078, 13.6581,
29.1663

■ 29.0845, 30.4214,
31.5335

■ 11.0519, 11.8054,
28.8907

■ 33.1676, 34.2501,
32.0573

■ 9.7858, 10.1901,
28.6456

■ 37.6691, 38.3981,
32.6207

■ 8.7854, 8.7976,
28.4296

■ 42.6010, 42.8732,
33.2246

■ 8.0183, 7.6088,
28.2406

■ 47.9750, 47.6832,
33.8697

■ 7.7030, 7.1045,
28.1598

■ 53.8022, 52.8353,
34.5571

■ 60.0933, 58.3368,
35.2874

Harmonies

Analogous

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



18.1278, 20.7649, 28.2049



19.2142, 20.7649, 30.1895



20.4875, 20.7649, 29.9900

Triad

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



19.2142, 20.7649, 30.1895



22.1686, 20.7649, 20.5509



17.9796, 20.7649, 18.1947

Complementary

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



19.2142, 20.7649, 30.1895



22.2041, 22.3941, 17.6208

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.



19.0039, 20.7649, 16.5515



19.2142, 20.7649, 30.1895



21.4374, 20.7649, 17.8077

Square

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



19.2142, 20.7649, 30.1895



22.2308, 20.7649, 24.1522



20.2680, 20.7649, 16.4180



17.4359, 20.7649, 21.1338

Rectangle

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



19.2142, 20.7649, 30.1895



21.2714, 20.7649, 28.6458



20.2680, 20.7649, 16.4180



18.2771, 20.7649, 17.4869

Sweetspot

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



19.2148, 20.7657, 30.1900



43.1167, 45.8073, 54.5427



20.4092, 25.3387, 23.8545



9.4107, 10.0137, 12.1091



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2148, 20.7657, 30.1900



31.4557, 34.1202, 52.9015



17.0302, 16.3965, 29.4618



5.7310, 6.0959, 7.3443



6.8009, 6.2966, 24.7880



0.1127, 0.1361, 0.3132

Inverse Universe

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



21.2196, 18.6074, 22.8962



35.6227, 29.8864, 37.6842



24.7989, 27.5837, 18.4857



5.9177, 5.8621, 6.6725



11.5599, 5.8290, 6.4292



0.1564, 0.0773, 0.1571

Previews

White Background



This preview shows how the XYZ color 19.2142, 20.7649, 30.1895 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 19.2142, 20.7649, 30.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

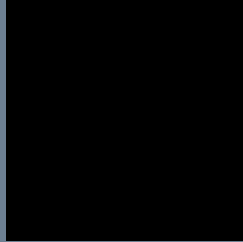
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

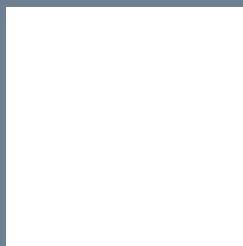
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2142, 20.7649, 30.1895

Background



This preview shows how black text looks on a background with the XYZ color 19.2142, 20.7649, 30.1895.



This preview shows how white text looks on a background with the XYZ color 19.2142, 20.7649,

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

19.2142, 20.7649, 30.1895

Protanopia

20.3937, 20.8184, 29.3291

Deuteranopia

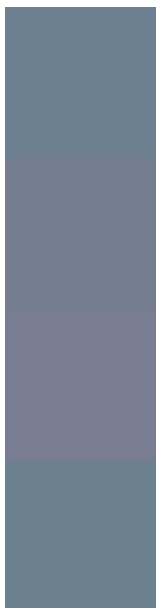
21.1018, 20.7845, 30.5034



Tritanopia

18.6948, 20.7527, 27.4465

Trichromacy



Original Color

19.2142, 20.7649, 30.1895

Protanomaly

19.9078, 20.7480, 29.7436

Deuteranomaly

20.3458, 20.7669, 30.5398

Tritanomaly

18.9171, 20.8417, 28.6170

Monochromacy



Original Color

19.2142, 20.7649, 30.1895

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.1062, 20.2551, 24.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2142, 20.7649, 30.1895 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(109, 128, 146)` looks like.

```
.text, #text, p{  
    color:rgb(109, 128, 146)  
}
```

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(109, 128, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 128, 146) }
```

Border

The CSS property to change the border of an element to XYZ 19.2142, 20.7649, 30.1895 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(109, 128, 146) }
```


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

```
.border{ border-color:rgb(109, 128, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 128, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 128, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 128, 146);  
box-shadow:4px 4px 4px 4px rgb(109, 128,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2142, 20.7649, 30.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 128, 146) }
```

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

```
.background{ background-color: rgb(109,  
128, 146) }
```

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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