

Converting Colors

XYZ(18.4319, 20.2664, 29.1488)

Have a look what the booklet for
XYZ(18.4319, 20.2664, 29.1488)
contains.

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Color

**XYZ(18.4491, 20.1956,
29.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	697F90
RGB	105, 127, 144
RGB Percent	41%, 50%, 56%
CMY	0.5882, 0.5020, 0.4353
CMYK	0.27, 0.12, 0.00, 0.44
HSL	206°, 16%, 49%
HSV	206°, 27%, 56%
XYZ	18.4491, 20.1956, 29.3113
YIQ	122.3600, -18.5690, 0.6230

Conversions

Conversions Part 2

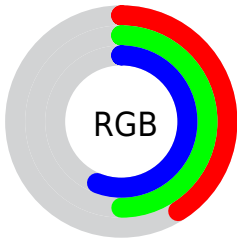
Format	Color
R_{YB}	105, 119, 144
Decimal	6913936
CIE _{Lab}	52.06, -3.85, -11.80
CIE _{LCh}	52, 12.410, 251.919
Yxy	20.1956, 0.2715, 0.2972
Android (android.graphics.Color)	4285104016 (0xFF697F90)
YUV	122.3600, 10.6685, -15.2247
Hunter-Lab	44.9395, -5.3642, -7.2136

Details

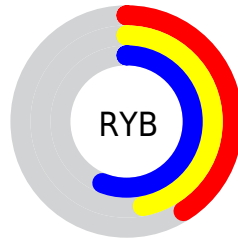
The XYZ color **18.4491, 20.1956, 29.3113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.0112, 20.8684, 16.2857**, and the grayscale version is **18.5874, 19.5554, 21.2958**.

A 20% lighter version of the original color is **40.4189, 43.8878, 59.7670**, and **6.3757, 7.0977, 11.6236** is the 20% darker color. If you saturate the color by 10%, you get **16.1135, 17.8259, 28.9773**, and if you desaturate by 10%, it is **21.1229, 22.8156, 29.6764**.

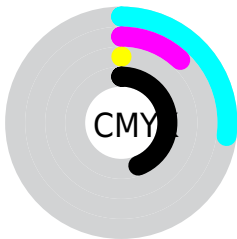
Distribution



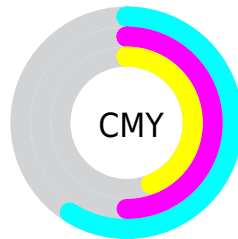
- Red (41%)
- Green (50%)
- Blue (56%)



- Red (41%)
- Yellow (47%)
- Blue (56%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4491, 20.1956, 29.3113 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 18.4491, 20.1956, 29.3113 by changing the saturation by 10% instead.

■ 18.4491, 20.1956,
29.3113

■ 18.4491, 20.1956,
29.3113

236.3873,
252.9721, 312.7877

■ 11.3745, 12.5373,
19.0688

■ 40.3252, 43.7449,
59.6194

■ 6.3885, 7.1107,
11.5427

■ 55.8575, 60.4047,
80.5221

■ 3.1256, 3.5314,
6.3144

■ 74.9397, 80.8337,
105.8153

■ 1.2205, 1.4151,
2.9653

■ 97.9372, 105.4164,
135.9175

■ 0.1225, 0.2278,
1.0769

125.2153,
134.5373, 171.2474

■ 0.0000, 0.0000,
0.0000

157.1395,

168.5805, 212.2233

194.0750,
207.9307, 259.2639

■ 18.4491, 20.1956,
29.3113

■ 18.4491, 20.1956,
29.3113

■ 16.1135, 17.8259,
28.9773

■ 21.1229, 22.8156,
29.6764

■ 14.0988, 15.6947,
28.6722

■ 24.1474, 25.6922,
30.0723

■ 12.3891, 13.7930,
28.3952

■ 27.5364, 28.8344,
30.5001

■ 10.9662, 12.1100,
28.1454

■ 31.3029, 32.2499,
30.9609

■ 9.8096, 10.6336,
27.9213

■ 35.4587, 35.9463,
31.4553

■ 8.8960, 9.3502,
27.7218

■ 40.0154, 39.9305,
31.9842

■ 8.1851, 8.2375,
27.5445

■ 44.9841, 44.2096,
32.5483

■ 7.9941, 7.9336,
27.4959

■ 50.3752, 48.7900,
33.1482

■ 56.1989, 53.6781,
33.7848

Harmonies

Analogous

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



17.4390, 20.1956, 26.9879



18.4491, 20.1956, 29.3113



19.7029, 20.1956, 29.5470

Triad

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



18.4491, 20.1956, 29.3113



21.6790, 20.1956, 20.5798



17.6133, 20.1956, 17.1959

Complementary

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



18.4491, 20.1956, 29.3113



21.0112, 20.8684, 16.2857

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.



18.6965, 20.1956, 15.8450



18.4491, 20.1956, 29.3113



21.0657, 20.1956, 17.6499

Square

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



18.4491, 20.1956, 29.3113



21.6056, 20.1956, 24.2268



19.9614, 20.1956, 16.0015



16.9713, 20.1956, 19.8945

Rectangle

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



18.4491, 20.1956, 29.3113



20.5124, 20.1956, 28.4592



19.9614, 20.1956, 16.0015



17.9358, 20.1956, 16.5832

Sweetspot

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



18.4497, 20.1964, 29.3118



41.9823, 44.7435, 52.9617



19.3060, 24.3528, 22.0634



9.4510, 10.0942, 12.1225



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.



18.4497, 20.1964, 29.3118



30.1723, 33.2378, 51.3633



16.1807, 15.6583, 28.5554



5.3661, 5.7280, 6.8515



6.9850, 6.9559, 23.9516



0.0888, 0.1104, 0.2363

Inverse Universe

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



20.3844, 17.5653, 22.3956



34.1831, 28.0735, 36.9603



23.6357, 26.1175, 17.1606



5.5283, 5.4718, 6.2798



11.3288, 5.6885, 7.3827



0.1194, 0.0588, 0.1290

Previews

White Background



This preview shows how the XYZ color 18.4491, 20.1956, 29.3113 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 18.4491, 20.1956, 29.3113 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

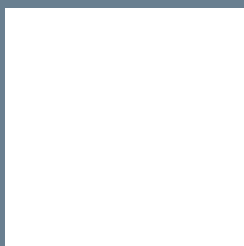
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4491, 20.1956, 29.3113

Background



This preview shows how black text looks on a background with the XYZ color 18.4491, 20.1956, 29.3113.



This preview shows how white text looks on a background with the XYZ color 18.4491, 20.1956,

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

18.4491, 20.1956, 29.3113

Protanopia

19.7758, 20.1540, 28.0471

Deuteranopia

20.5524, 20.1547, 29.5951



Tritanopia

18.0155, 20.2164, 26.9974

Trichromacy



Original Color

18.4491, 20.1956, 29.3113

Protanomaly

19.1604, 20.0131, 28.4442

Deuteranomaly

19.6650, 20.0618, 29.6239

Tritanomaly

18.1617, 20.2748, 27.7672

Monochromacy



Original Color

18.4491, 20.1956, 29.3113

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4394, 19.7400, 23.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4491, 20.1956, 29.3113 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(105, 127, 144)` looks like.

```
.text, #text, p{  
    color:rgb(105, 127, 144)  
}
```

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(105, 127, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 127, 144) }
```

Border

The CSS property to change the border of an element to XYZ 18.4491, 20.1956, 29.3113 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(105, 127, 144) }
```


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

```
.border{ border-color:rgb(105, 127, 144) }
```

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

Here you see how a box with a 4 pixel rgb(105, 127, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 127, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 127, 144);  
box-shadow:4px 4px 4px 4px rgb(105, 127,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4491, 20.1956, 29.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 127, 144) }
```

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

```
.background{ background-color: rgb(105,  
127, 144) }
```

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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