

Converting Colors

XYZ(11.0405, 11.6739, 16.2209)

Have a look what the booklet for
XYZ(11.0405, 11.6739, 16.2209)
contains.

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Color

**XYZ(11.0595, 11.7282,
16.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	58616D
RGB	88, 97, 109
RGB Percent	35%, 38%, 43%
CMY	0.6549, 0.6196, 0.5725
CMYK	0.19, 0.11, 0.00, 0.57
HSL	214°, 11%, 39%
HSV	214°, 19%, 43%
XYZ	11.0595, 11.7282, 16.1489
YIQ	95.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

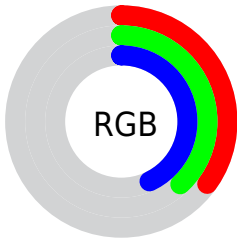
Format	Color
R_{YB}	88, 94, 109
Decimal	5792109
CIE Lab	40.78, -0.64, -7.97
CIE LCh	41, 7.994, 265.377
Yxy	11.7282, 0.2840, 0.3012
Android (android.graphics.Color)	4283982189 (0xFF58616D)
YUV	95.6770, 6.5682, -6.7327
Hunter-Lab	34.2465, -2.2868, -3.9856

Details

The XYZ color **11.0595, 11.7282, 16.1489** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6254, 13.0702, 11.0901**, and the grayscale version is **11.0265, 11.6008, 12.6332**.

A 20% lighter version of the original color is **27.4163, 29.1211, 37.4337**, and **3.0082, 3.2077, 5.0180** is the 20% darker color. If you saturate the color by 10%, you get **9.5509, 10.1297, 15.9201**, and if you desaturate by 10%, it is **12.7683, 13.4976, 16.4005**.

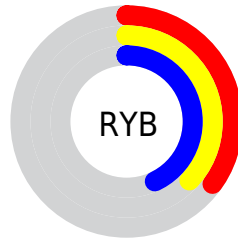
Distribution



Red (35%)

Green (38%)

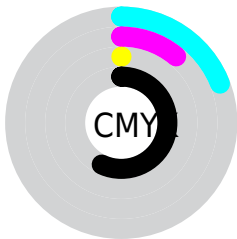
Blue (43%)



Red (35%)

Yellow (37%)

Blue (43%)

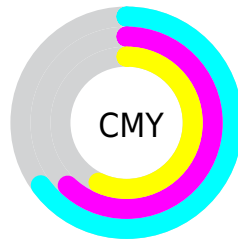


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0595, 11.7282, 16.1489 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 11.0595, 11.7282, 16.1489 by changing the saturation by 10% instead.

■ 11.0595, 11.7282,
16.1489

■ 11.0595, 11.7282,
16.1489

191.9752,
202.5975, 242.0944

■ 6.1745, 6.5589,
9.4741

■ 27.4021, 28.9991,
37.6269

■ 2.9931, 3.1878,
4.9507

■ 39.5904, 41.8695,
53.2671

■ 1.1501, 1.2305,
2.1601

■ 54.9438, 58.0757,
72.7330

■ 0.0664, 0.0864,
0.6512

■ 73.8277, 78.0020,
96.4429

■ 0.0000, 0.0000,
0.0000

■ 96.6074, 102.0330,
124.8154

123.6483,

130.5530, 158.2692

155.3158,
163.9464, 197.2227

■ 11.0595, 11.7282,
16.1489

■ 11.0595, 11.7282,
16.1489

■ 9.5509, 10.1297,
15.9201

■ 12.7683, 13.4976,
16.4005

■ 8.2336, 8.6951,
15.7126

■ 14.6837, 15.4417,
16.6748

■ 7.0995, 7.4190,
15.5260

■ 16.8130, 17.5661,
16.9727

■ 6.1396, 6.2949,
15.3597

■ 19.1629, 19.8756,
17.2946

■ 5.3439, 5.3161,
15.2127

■ 21.7397, 22.3749,
17.6412

■ 4.7014, 4.4751,
15.0842

■ 24.5495, 25.0683,
18.0130

■ 4.1995, 3.7635,
14.9733

■ 27.5983, 27.9603,
18.4105

■ 3.7940, 3.1566,
14.8775

■ 30.8916, 31.0549,
18.8343

■ 3.7657, 3.1149,
14.8710

■ 34.4349, 34.3562,
19.2847

Harmonies

Analogous

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



10.5381, 11.7282, 15.5213



11.0595, 11.7282, 16.1489



11.6220, 11.7282, 15.8102

Triad

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



11.0595, 11.7282, 16.1489



12.1636, 11.7282, 11.4756



10.2723, 11.7282, 11.0738

Complementary

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



11.0595, 11.7282, 16.1489



12.6254, 13.0702, 11.0901

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.



10.6857, 11.7282, 10.1469



11.0595, 11.7282, 16.1489



11.7795, 11.7282, 10.3648

Square

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



11.0595, 11.7282, 16.1489



12.2719, 11.7282, 13.0238



11.2356, 11.7282, 9.8987



10.0936, 11.7282, 12.5195

Rectangle

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



11.0595, 11.7282, 16.1489



11.9430, 11.7282, 15.0959



11.2356, 11.7282, 9.8987



10.3878, 11.7282, 10.6962

Sweetspot

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



11.0599, 11.7287, 16.1492



23.8861, 25.2141, 29.5151



11.7888, 13.9304, 14.0990



5.5244, 5.8327, 6.8634



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.0599, 11.7287, 16.1492



18.5796, 19.7131, 28.7330



10.4086, 10.2275, 15.8937



3.0452, 3.2186, 3.8956



4.3811, 3.5965, 17.3855



21.4951, 16.6688, 88.3107

Inverse Universe

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



11.9544, 11.0940, 12.8211



20.5045, 18.4203, 21.5548



13.3661, 14.8052, 11.3860



3.1486, 3.1363, 3.5128



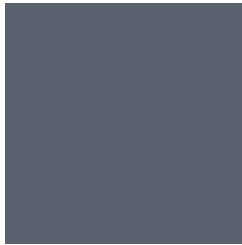
7.9582, 4.0354, 3.4086



40.1325, 20.3950, 15.1665

Previews

White Background



This preview shows how the XYZ color 11.0595, 11.7282, 16.1489 looks on a white 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

Black Background



This preview shows how the XYZ color 11.0595, 11.7282, 16.1489 looks on a black 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

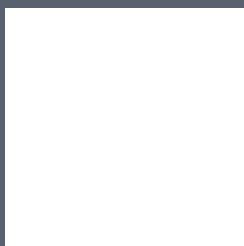
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0595, 11.7282, 16.1489

Background



This preview shows how black text looks on a background with the XYZ color 11.0595, 11.7282, 16.1489.

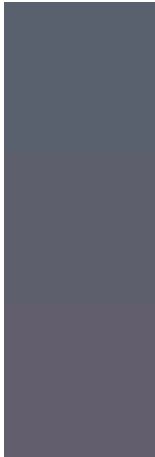


This preview shows how white text looks on a background with the XYZ color 11.0595, 11.7282,

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

11.0595, 11.7282, 16.1489

Protanopia

11.4151, 11.6468, 15.8338

Deuteranopia

11.9628, 11.7838, 16.3959



Tritanopia

10.8480, 11.7815, 15.0669

Trichromacy



Original Color

11.0595, 11.7282, 16.1489

Protanomaly

11.3033, 11.7238, 15.8545

Deuteranomaly

11.6260, 11.7431, 16.4057

Tritanomaly

10.8997, 11.8022, 15.3392

Monochromacy



Original Color

11.0595, 11.7282, 16.1489

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.0460, 11.6325, 13.9750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0595, 11.7282, 16.1489 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(88, 97, 109) looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 109)  
}
```

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(88, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.0595, 11.7282, 16.1489 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(88, 97, 109) }
```


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

```
.border{ border-color:rgb(88, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0595, 11.7282, 16.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 109) }
```

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

```
.background{ background-color: rgb(88, 97,  
109) }
```

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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