

Converting Colors

XYZ(12.0490, 12.9980, 16.7462)

Have a look what the booklet for
XYZ(12.0490, 12.9980, 16.7462)
contains.

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Color

**XYZ(11.9795, 12.9038,
16.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	5C666E
RGB	92, 102, 110
RGB Percent	36%, 40%, 43%
CMY	0.6392, 0.6000, 0.5686
CMYK	0.16, 0.07, 0.00, 0.57
HSL	207°, 9%, 40%
HSV	207°, 16%, 43%
XYZ	11.9795, 12.9038, 16.6112
YIQ	99.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

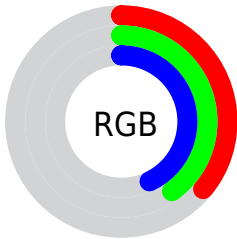
Format	Color
R_{YB}	92, 98, 110
Decimal	6055534
CIE Lab	42.62, -1.97, -5.80
CIE LCh	43, 6.128, 251.212
Yxy	12.9038, 0.2887, 0.3110
Android (android.graphics.Color)	4284245614 (0xFF5C666E)
YUV	99.9220, 4.9685, -6.9476
Hunter-Lab	35.9219, -3.3357, -2.2719

Details

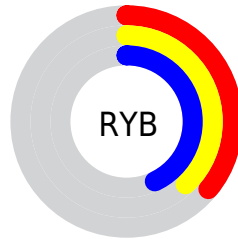
The XYZ color **11.9795, 12.9038, 16.6112** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9196, 13.2022, 11.9929**, and the grayscale version is **12.0828, 12.7121, 13.8434**.

A 20% lighter version of the original color is **29.0681, 31.1419, 38.6613**, and **3.3624, 3.6610, 5.0869** is the 20% darker color. If you saturate the color by 10%, you get **10.4932, 11.4456, 16.4083**, and if you desaturate by 10%, it is **13.6545, 14.5020, 16.8316**.

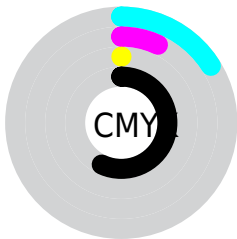
Distribution



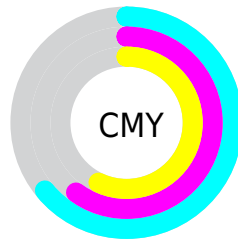
- Red (36%)
- Green (40%)
- Blue (43%)



- Red (36%)
- Yellow (38%)
- Blue (43%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9795, 12.9038, 16.6112 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 11.9795, 12.9038, 16.6112 by changing the saturation by 10% instead.

■ 11.9795, 12.9038,
16.6112

■ 11.9795, 12.9038,
16.6112

198.0422,
210.3002, 244.8894

■ 6.8018, 7.3623,
9.7987

■ 29.0749, 31.1308,
38.4375

■ 3.3837, 3.6897,
5.1618

■ 41.7234, 44.5852,
54.2884

■ 1.3598, 1.5016,
2.2821

■ 57.5929, 61.4460,
73.9891

■ 0.2273, 0.2898,
0.7212

■ 77.0487, 82.0976,
97.9582

■ 0.0000, 0.0000,
0.0000

100.4561,
106.9245, 126.6142

128.1806,

136.3109, 160.3758

160.5875,
170.6414, 199.6613

■ 11.9795, 12.9038,
16.6112

■ 11.9795, 12.9038,
16.6112

■ 10.4932, 11.4456,
16.4083

■ 13.6545, 14.5020,
16.8316

■ 9.1871, 10.1213,
16.2215

■ 15.5240, 16.2429,
17.0691

■ 8.0537, 8.9267,
16.0507

■ 17.5948, 18.1311,
17.3244

■ 7.0847, 7.8566,
15.8952

■ 19.8733, 20.1705,
17.5980

■ 6.2707, 6.9056,
15.7545

■ 22.3653, 22.3646,
17.8901

■ 5.6015, 6.0674,
15.6280

■ 25.0766, 24.7173,
18.2013

■ 5.0655, 5.3354,
15.5150

■ 28.0125, 27.2318,
18.5320

■ 4.6363, 4.6949,
15.4140

■ 31.1785, 29.9115,
18.8823

■ 4.4895, 4.4757,
15.3794

■ 34.5796, 32.7597,
19.2528

Harmonies

Analogous

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



11.6055, 12.9038, 15.8021



11.9795, 12.9038, 16.6112



12.4390, 12.9038, 16.7091

Triad

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



11.9795, 12.9038, 16.6112



13.1610, 12.9038, 13.5589



11.6861, 12.9038, 12.2138

Complementary

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



11.9795, 12.9038, 16.6112



12.9196, 13.2022, 11.9929

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.



12.0920, 12.9038, 11.6892



11.9795, 12.9038, 16.6112



12.9483, 12.9038, 12.4325

Square

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



11.9795, 12.9038, 16.6112



13.1291, 12.9038, 14.8894



12.5543, 12.9038, 11.7667



11.4391, 12.9038, 13.2429

Rectangle

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



11.9795, 12.9038, 16.6112



12.7330, 12.9038, 16.3512



12.5543, 12.9038, 11.7667



11.8080, 12.9038, 11.9756

Sweetspot

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



11.9799, 12.9043, 16.6115



24.3647, 25.8303, 29.6088



12.2805, 14.3437, 14.1276



5.6317, 5.9750, 6.8852



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.



11.9799, 12.9043, 16.6115



19.9105, 21.5646, 29.0202



11.1604, 11.2653, 16.3383



3.3569, 3.5790, 4.2681



5.3638, 5.3180, 18.4654



25.8491, 24.7500, 91.6940

Inverse Universe

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



12.6562, 11.9290, 14.2064



21.3740, 19.5253, 23.7993



13.8098, 14.9826, 12.2897



3.4548, 3.4296, 3.9217



8.7257, 4.3827, 5.6317



43.0274, 21.6563, 25.7401

Previews

White Background



This preview shows how the XYZ color 11.9795, 12.9038, 16.6112 looks on a white background.

Color Contrast Check

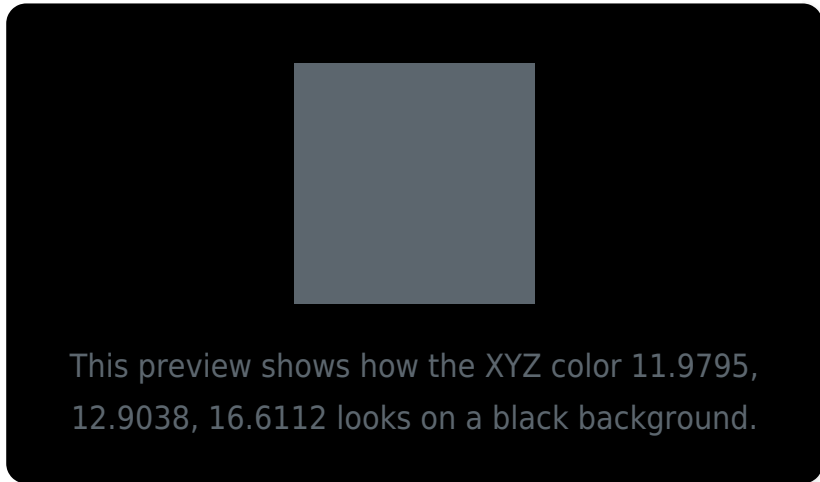
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

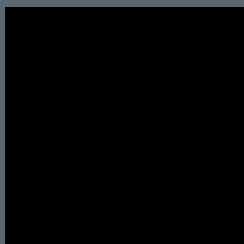
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

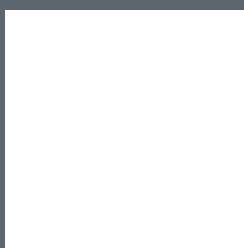
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9795, 12.9038, 16.6112

Background



This preview shows how black text looks on a background with the XYZ color 11.9795, 12.9038, 16.6112.



This preview shows how white text looks on a background with the XYZ color 11.9795, 12.9038,

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

11.9795, 12.9038, 16.6112

Protanopia

12.5730, 12.9278, 16.3006

Deuteranopia

13.0626, 12.8863, 16.8378



Tritanopia

11.9795, 12.9038, 16.6112

Trichromacy



Original Color

11.9795, 12.9038, 16.6112

Protanomaly

12.3438, 12.9529, 16.3176

Deuteranomaly

12.5866, 12.7807, 16.8425

Tritanomaly

11.9795, 12.9038, 16.6112

Monochromacy



Original Color

11.9795, 12.9038, 16.6112

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.0821, 12.8482, 14.9399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9795, 12.9038, 16.6112 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(92, 102, 110) looks like.

```
.text, #text, p{  
    color:rgb(92, 102, 110)  
}
```

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(92, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.9795, 12.9038, 16.6112 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(92, 102, 110) }
```


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

```
.border{ border-color:rgb(92, 102, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(92, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9795, 12.9038, 16.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 102, 110) }
```

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

```
.background{ background-color: rgb(92, 102,  
110) }
```

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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