

Converting Colors

XYZ(10.9730, 12.2928, 16.1094)

Have a look what the booklet for
XYZ(10.9730, 12.2928, 16.1094)
contains.

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Color

**XYZ(10.9277, 12.2291,
15.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	53656C
RGB	83, 101, 108
RGB Percent	33%, 40%, 42%
CMY	0.6745, 0.6039, 0.5765
CMYK	0.23, 0.06, 0.00, 0.58
HSL	197°, 13%, 37%
HSV	197°, 23%, 42%
XYZ	10.9277, 12.2291, 15.9719
YIQ	96.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

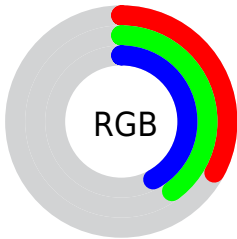
Format	Color
R_{YB}	83, 93, 108
Decimal	5465452
CIE _{Lab}	41.58, -5.05, -6.21
CIE _{LCh}	42, 8.003, 230.842
Yxy	12.2291, 0.2793, 0.3125
Android (android.graphics.Color)	4283655532 (0xFF53656C)
YUV	96.4160, 5.7109, -11.7658
Hunter-Lab	34.9701, -5.4189, -2.6004

Details

The XYZ color **10.9277, 12.2291, 15.9719** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4019, 11.1249, 9.7301**, and the grayscale version is **11.2084, 11.7921, 12.8416**.

A 20% lighter version of the original color is **27.1591, 29.9462, 37.1496**, and **2.9244, 3.3686, 4.9109** is the 20% darker color. If you saturate the color by 10%, you get **9.7600, 11.1996, 15.8349**, and if you desaturate by 10%, it is **12.2554, 13.3577, 16.1200**.

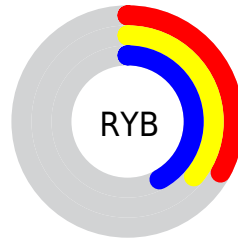
Distribution



Red (33%)

Green (40%)

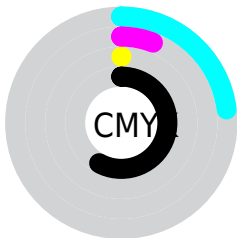
Blue (42%)



Red (33%)

Yellow (36%)

Blue (42%)

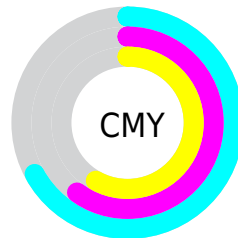


Cyan (23%)

Magenta (6%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9277, 12.2291, 15.9719 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 10.9277, 12.2291, 15.9719 by changing the saturation by 10% instead.

■ 10.9277, 12.2291,
15.9719

■ 10.9277, 12.2291,
15.9719

191.0894,
205.9161, 241.0159

■ 6.0852, 6.8999,
9.3501

■ 27.1605, 29.9117,
37.3155

■ 2.9381, 3.3996,
4.8703

■ 39.2815, 43.0339,
52.8745

■ 1.1211, 1.3437,
2.1140

■ 54.5594, 59.5225,
72.2495

■ 0.0427, 0.1747,
0.6241

■ 73.3595, 79.7619,
95.8593

■ 0.0000, 0.0000,
0.0000

■ 96.0472, 104.1367,
124.1223

122.9879,

133.0310, 157.4570

154.5468,
166.8294, 196.2820

■ 10.9277, 12.2291,
15.9719

■ 10.9277, 12.2291,
15.9719

■ 9.7600, 11.1996,
15.8349

■ 12.2554, 13.3577,
16.1200

■ 8.7443, 10.2641,
15.7079

■ 13.7485, 14.5875,
16.2786

■ 7.8733, 9.4188,
15.5906

■ 15.4136, 15.9223,
16.4485

■ 7.1390, 8.6595,
15.4828

■ 17.2564, 17.3652,
16.6299

■ 6.5322, 7.9814,
15.3839

■ 19.2826, 18.9194,
16.8231

■ 6.0428, 7.3788,
15.2934

■ 21.4973, 20.5876,
17.0284

■ 5.6564, 6.8444,
15.2106

■ 23.9058, 22.3726,
17.2460

■ 5.4148, 6.4986,
15.1566

■ 26.5127, 24.2772,
17.4762

■ 29.3229, 26.3039,
17.7193

Harmonies

Analogous

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



10.6039, 12.2291, 14.4944



10.9277, 12.2291, 15.9719



11.4453, 12.2291, 16.7545

Triad

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



10.9277, 12.2291, 15.9719



12.7692, 12.2291, 13.8345



11.2279, 12.2291, 10.5268

Complementary

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



10.9277, 12.2291, 15.9719



11.4019, 11.1249, 9.7301

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.



11.8033, 12.2291, 10.3824



10.9277, 12.2291, 15.9719



12.7063, 12.2291, 12.2022

Square

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



10.9277, 12.2291, 15.9719



12.5173, 12.2291, 15.4542



12.3480, 12.2291, 10.9711



10.7731, 12.2291, 11.3836

Rectangle

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



10.9277, 12.2291, 15.9719



11.8362, 12.2291, 16.7354



12.3480, 12.2291, 10.9711



11.4132, 12.2291, 10.3963

Sweetspot

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



10.9281, 12.2296, 15.9722



23.0417, 24.7153, 28.4638



10.7613, 13.2969, 11.5981



5.5537, 5.9630, 6.8870



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.



10.9281, 12.2296, 15.9722



18.0009, 20.4347, 27.9033



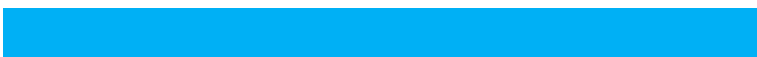
9.8327, 10.0389, 15.6071



3.1137, 3.3558, 3.9185



6.4350, 7.7044, 18.0702



32.0299, 37.7383, 91.8223

Inverse Universe

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



11.6268, 10.3144, 13.6906



19.4887, 16.4925, 23.0148



12.5136, 13.3484, 10.1007



3.1832, 3.1502, 3.6951



8.9950, 4.4501, 8.8680



45.4500, 22.5219, 43.1679

Previews

White Background



This preview shows how the XYZ color 10.9277, 12.2291, 15.9719 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 10.9277, 12.2291, 15.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

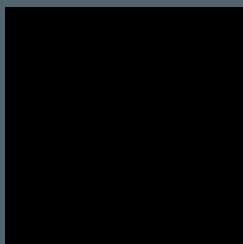
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

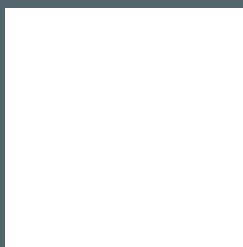
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9277, 12.2291, 15.9719

Background



This preview shows how black text looks on a background with the XYZ color 10.9277, 12.2291, 15.9719.



This preview shows how white text looks on a background with the XYZ color 10.9277, 12.2291,

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

10.9277, 12.2291, 15.9719

Protanopia

11.8060, 12.1314, 15.3550

Deuteranopia

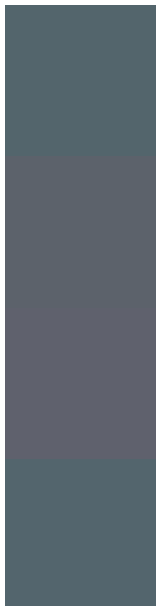
12.3320, 12.1133, 16.1561



Tritanopia

10.9813, 12.2505, 16.2538

Trichromacy



Original Color

10.9277, 12.2291, 15.9719

Protanomaly

11.4352, 12.0722, 15.6374

Deuteranomaly

11.7543, 12.0864, 16.1814

Tritanomaly

10.9813, 12.2505, 16.2538

Monochromacy



Original Color

10.9277, 12.2291, 15.9719

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9823, 11.8796, 13.7708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9277, 12.2291, 15.9719 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(83, 101, 108) looks like.

```
.text, #text, p{  
    color:rgb(83, 101, 108)  
}
```

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(83, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 101, 108) }
```

Border

The CSS property to change the border of an element to XYZ 10.9277, 12.2291, 15.9719 is called "border". The border property can be set on classes, ids or directly on the HTML element.

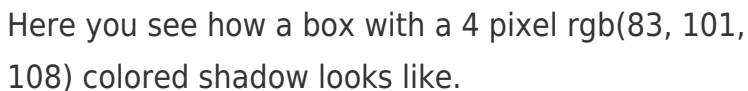
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(83, 101, 108) }
```


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

```
.border{ border-color:rgb(83, 101, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(83, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(83, 101, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(83, 101, 108); box-shadow:4px 4px 4px 4px rgb(83, 101, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9277, 12.2291, 15.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 101, 108) }
```

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

```
.background{ background-color: rgb(83, 101,  
108) }
```

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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