

Converting Colors

XYZ(11.0180, 11.7889, 15.2380)

Have a look what the booklet for
XYZ(11.0180, 11.7889, 15.2380)
contains.

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Color

**XYZ(10.9960, 11.7138,
15.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	59616A
RGB	89, 97, 106
RGB Percent	35%, 38%, 42%
CMY	0.6510, 0.6196, 0.5843
CMYK	0.16, 0.08, 0.00, 0.58
HSL	212°, 9%, 38%
HSV	212°, 16%, 42%
XYZ	10.9960, 11.7138, 15.3171
YIQ	95.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

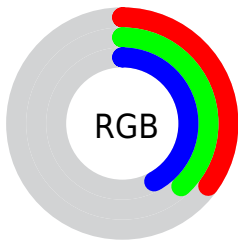
Format	Color
R_{YB}	89, 94, 106
Decimal	5857642
CIE Lab	40.76, -1.01, -6.16
CIE LCh	41, 6.241, 260.667
Yxy	11.7138, 0.2892, 0.3080
Android (android.graphics.Color)	4284047722 (0xFF59616A)
YUV	95.6340, 5.1104, -5.8180
Hunter-Lab	34.2254, -2.5457, -2.5766

Details

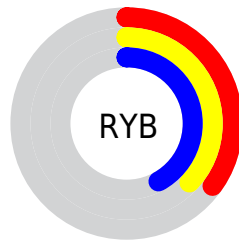
The XYZ color **10.9960, 11.7138, 15.3171** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1148, 12.5208, 11.2296**, and the grayscale version is **11.0193, 11.5931, 12.6249**.

A 20% lighter version of the original color is **27.3232, 29.1031, 36.0757**, and **2.9695, 3.1970, 4.5982** is the 20% darker color. If you saturate the color by 10%, you get **9.5510, 10.2265, 15.1064**, and if you desaturate by 10%, it is **12.6249, 13.3509, 15.5474**.

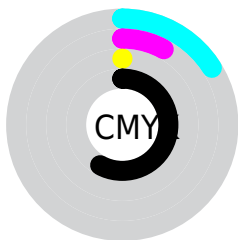
Distribution



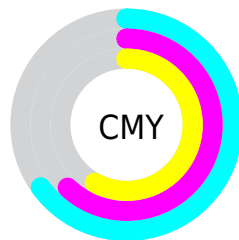
- Red (35%)
- Green (38%)
- Blue (42%)



- Red (35%)
- Yellow (37%)
- Blue (42%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9960, 11.7138, 15.3171 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 10.9960, 11.7138, 15.3171 by changing the saturation by 10% instead.

■ 10.9960, 11.7138,
15.3171

■ 10.9960, 11.7138,
15.3171

191.5490,
202.5013, 236.9841

■ 6.1314, 6.5491,
8.8931

■ 27.2858, 28.9728,
36.1587

■ 2.9666, 3.1818,
4.5757

■ 39.4417, 41.8358,
51.4133

■ 1.1361, 1.2273,
1.9462

■ 54.7588, 58.0338,
70.4487

■ 0.0550, 0.0839,
0.5219

■ 73.6024, 77.9511,
93.6832

■ 0.0000, 0.0000,
0.0000

■ 96.3378, 101.9721,
121.5355

123.3305,

130.4812, 154.4240

154.9458,
163.8628, 192.7674

■ 10.9960, 11.7138,
15.3171

■ 10.9960, 11.7138,
15.3171

■ 9.5510, 10.2265,
15.1064

■ 12.6249, 13.3509,
15.5474

■ 8.2818, 8.8829,
14.9139

■ 14.4432, 15.1410,
15.7971

■ 7.1814, 7.6785,
14.7394

■ 16.4576, 17.0887,
16.0669

■ 6.2417, 6.6079,
14.5823

■ 18.6739, 19.1981,
16.3572

■ 5.4540, 5.6654,
14.4419

■ 21.0979, 21.4732,
16.6686

■ 4.8086, 4.8448,
14.3175

■ 23.7351, 23.9177,
17.0015

■ 4.2946, 4.1390,
14.2084

■ 26.5906, 26.5354,
17.3562

■ 3.8872, 3.5339,
14.1131

■ 29.6695, 29.3298,
17.7333

■ 3.7375, 3.3125,
14.0782

■ 32.9768, 32.3042,
18.1331

Harmonies

Analogous

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



10.6022, 11.7138, 14.7365



10.9960, 11.7138, 15.3171



11.4371, 11.7138, 15.1766

Triad

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



10.9960, 11.7138, 15.3171



11.9501, 11.7138, 11.9123



10.4875, 11.7138, 11.2693

Complementary

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



10.9960, 11.7138, 15.3171



12.1148, 12.5208, 11.2296

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.



10.8356, 11.7138, 10.6046



10.9960, 11.7138, 15.3171



11.6825, 11.7138, 10.9584

Square

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



10.9960, 11.7138, 15.3171



11.9958, 11.7138, 13.1542



11.2724, 11.7138, 10.4947



10.3138, 11.7138, 12.3627

Rectangle

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



10.9960, 11.7138, 15.3171



11.6982, 11.7138, 14.6963



11.2724, 11.7138, 10.4947



10.5875, 11.7138, 10.9914

Sweetspot

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



10.9963, 11.7143, 15.3174



22.4300, 23.7024, 27.3239



11.4684, 13.3099, 13.4665



5.2181, 5.5165, 6.3956



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.9963, 11.7143, 15.3174



18.3781, 19.6187, 26.7492



10.3212, 10.3235, 15.0845



3.0549, 3.2381, 3.8989



4.6047, 4.0437, 17.4601



22.6066, 18.8918, 88.6812

Inverse Universe

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



11.6742, 11.0722, 12.8316



19.8035, 18.3156, 21.5109



12.8676, 14.0764, 11.4902



3.1535, 3.1383, 3.5387



8.0711, 4.0806, 4.0030



40.6936, 20.6194, 18.1209

Previews

White Background



This preview shows how the XYZ color 10.9960, 11.7138, 15.3171 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 10.9960, 11.7138, 15.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

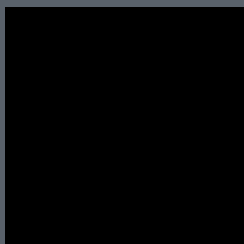
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

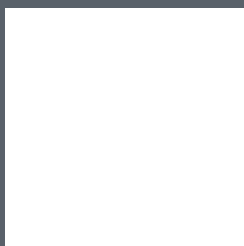
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9960, 11.7138, 15.3171

Background



This preview shows how black text looks on a background with the XYZ color 10.9960, 11.7138, 15.3171.



This preview shows how white text looks on a background with the XYZ color 10.9960, 11.7138,

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

10.9960, 11.7138, 15.3171

Protanopia

11.3613, 11.6372, 15.0120

Deuteranopia

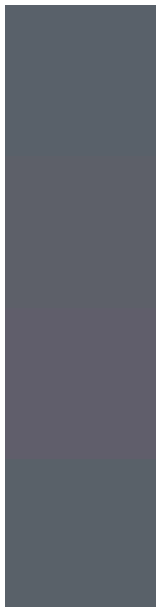
11.8237, 11.5996, 15.5257



Tritanopia

10.9443, 11.6932, 15.0448

Trichromacy



Original Color

10.9960, 11.7138, 15.3171

Protanomaly

11.2469, 11.7128, 15.0326

Deuteranomaly

11.4804, 11.5537, 15.5349

Tritanomaly

10.9443, 11.6932, 15.0448

Monochromacy



Original Color

10.9960, 11.7138, 15.3171

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9973, 11.6130, 13.7185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9960, 11.7138, 15.3171 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(89, 97, 106) looks like.

```
.text, #text, p{  
    color:rgb(89, 97, 106)  
}
```

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(89, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 97, 106) }
```

Border

The CSS property to change the border of an element to XYZ 10.9960, 11.7138, 15.3171 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(89, 97, 106) }
```


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

```
.border{ border-color:rgb(89, 97, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 97, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 97, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 97, 106); box-shadow:4px 4px 4px 4px rgb(89, 97, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9960, 11.7138, 15.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 97, 106) }
```

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

```
.background{ background-color: rgb(89, 97,  
106) }
```

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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