

Converting Colors

XYZ(10.7565, 10.6450, 15.1077)

Have a look what the booklet for
XYZ(10.7565, 10.6450, 15.1077)
contains.

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Color

**XYZ(10.7719, 10.6801,
15.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5A6A
RGB	93, 90, 106
RGB Percent	36%, 35%, 42%
CMY	0.6353, 0.6470, 0.5843
CMYK	0.12, 0.15, 0.00, 0.58
HSL	251°, 8%, 38%
HSV	251°, 15%, 42%
XYZ	10.7719, 10.6801, 15.1294
YIQ	92.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

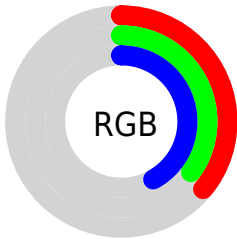
Format	Color
R_{YB}	93, 90, 106
Decimal	6117994
CIE _{Lab}	39.04, 4.74, -8.70
CIE _{LCh}	39, 9.907, 298.586
Yxy	10.6801, 0.2945, 0.2920
Android (android.graphics.Color)	4284308074 (0xFF5D5A6A)
YUV	92.7210, 6.5465, 0.2447
Hunter-Lab	32.6804, 1.6452, -4.5720

Details

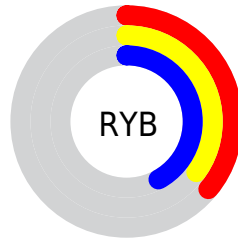
The XYZ color **10.7719, 10.6801, 15.1294** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5934, 13.9301, 11.6984**, and the grayscale version is **10.3256, 10.8633, 11.8302**.

A 20% lighter version of the original color is **26.7916, 27.0301, 35.7036**, and **2.8624, 2.7215, 4.5121** is the 20% darker color. If you saturate the color by 10%, you get **9.1176, 8.5936, 14.8140**, and if you desaturate by 10%, it is **12.6526, 13.0732, 15.4924**.

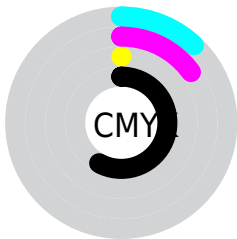
Distribution



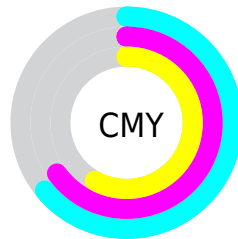
- Red (36%)
- Green (35%)
- Blue (42%)



- Red (36%)
- Yellow (35%)
- Blue (42%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7719, 10.6801, 15.1294 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 10.7719, 10.6801, 15.1294 by changing the saturation by 10% instead.

■ 10.7719, 10.6801,
15.1294

■ 10.7719, 10.6801,
15.1294

190.0367,
195.4595, 235.8158

■ 5.9798, 5.8522,
8.7626

■ 26.8743, 27.0671,
35.8255

■ 2.8734, 2.7554,
4.4920

■ 38.9153, 39.3949,
50.9920

■ 1.0871, 1.0054,
1.8989

■ 54.1034, 54.9915,
69.9287

■ 0.0143, 0.0000,
0.4921

■ 72.8039, 74.2412,
93.0543

■ 0.0000, 0.0000,
0.0000

■ 95.3821, 97.5285,
120.7872

122.2034,

125.2377, 153.5461

153.6331,
157.7532, 191.7495

■ 10.7719, 10.6801,
15.1294

■ 10.7719, 10.6801,
15.1294

■ 9.1176, 8.5936,
14.8140

■ 12.6526, 13.0732,
15.4924

■ 7.6802, 6.7999,
14.5436

■ 14.7668, 15.7833,
15.9040

■ 6.4507, 5.2862,
14.3162

■ 17.1227, 18.8219,
16.3664

■ 5.4193, 4.0382,
14.1297

■ 19.7276, 22.1995,
16.8810

■ 4.5754, 3.0404,
13.9815

■ 22.5886, 25.9261,
17.4495

■ 3.9073, 2.2754,
13.8691

■ 25.7124, 30.0116,
18.0735

■ 3.4019, 1.7239,
13.7893

■ 29.1055, 34.4650,
18.7542

■ 3.0370, 1.3489,
13.7361

■ 32.7743, 39.2954,
19.4932

■ 2.8874, 1.1880,
13.7130

■ 36.7249, 44.5113,
20.2918

Harmonies

Analogous

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



10.1198, 10.6801, 15.6634



10.7719, 10.6801, 15.1294



11.2757, 10.6801, 13.6325

Triad

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



10.7719, 10.6801, 15.1294



10.8285, 10.6801, 8.7890



8.9320, 10.6801, 11.5392

Complementary

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



10.7719, 10.6801, 15.1294



12.5934, 13.9301, 11.6984

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.



9.1039, 10.6801, 9.8318



10.7719, 10.6801, 15.1294



10.1825, 10.6801, 8.3544

Square

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



10.7719, 10.6801, 15.1294



11.3094, 10.6801, 9.9716



9.5547, 10.6801, 8.7147



9.0748, 10.6801, 13.4602

Rectangle

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



10.7719, 10.6801, 15.1294



11.4495, 10.6801, 12.3646



9.5547, 10.6801, 8.7147



8.9548, 10.6801, 10.9228

Sweetspot

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



10.7722, 10.6805, 15.1296



22.1895, 22.9233, 27.1862



11.6752, 12.9283, 15.5159



5.1565, 5.3169, 6.3603



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.



10.7722, 10.6805, 15.1296



17.8729, 17.4382, 26.3549



11.6174, 11.1163, 15.1692



2.9965, 3.0499, 3.8656



3.5592, 1.4619, 17.0168



17.5726, 7.1586, 86.6818

Inverse Universe

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



12.0486, 11.3562, 14.3894



20.5646, 18.8637, 24.7670



11.7261, 13.4830, 11.6578



3.1944, 3.1547, 3.7542



9.4563, 4.6346, 11.2972



47.8851, 23.4960, 55.9910

Previews

White Background



This preview shows how the XYZ color 10.7719, 10.6801, 15.1294 looks on a white background.

Color Contrast Check

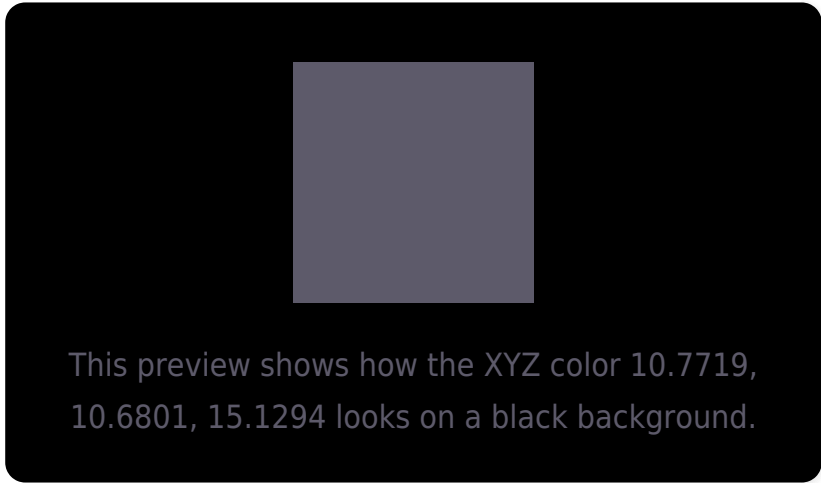
Large Text (above 18pt) WCAG AA ✓ Pass

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

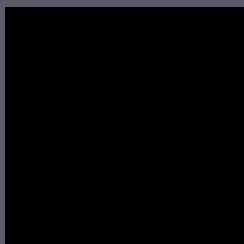
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7719, 10.6801, 15.1294

Background



This preview shows how black text looks on a background with the XYZ color 10.7719, 10.6801, 15.1294.

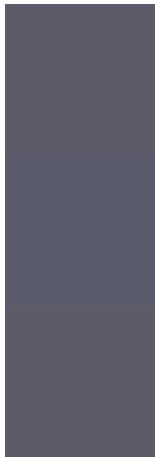


This preview shows how white text looks on a background with the XYZ color 10.7719, 10.6801,

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

10.7719, 10.6801, 15.1294

Protanopia

10.5148, 10.6676, 15.4148

Deuteranopia

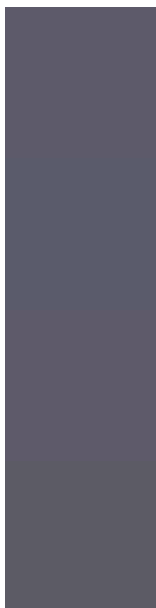
10.8738, 10.7326, 15.1342



Tritanopia

10.3593, 10.6393, 13.0629

Trichromacy



Original Color

10.7719, 10.6801, 15.1294

Protanomaly

10.6114, 10.7174, 15.4193

Deuteranomaly

10.8738, 10.7326, 15.1342

Tritanomaly

10.5037, 10.6971, 13.8231

Monochromacy



Original Color

10.7719, 10.6801, 15.1294

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.5460, 10.8633, 13.0963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7719, 10.6801, 15.1294 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(93, 90, 106) looks like.

```
.text, #text, p{  
    color:rgb(93, 90, 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(93, 90, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 90, 106) }
```

Border

The CSS property to change the border of an element to XYZ 10.7719, 10.6801, 15.1294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

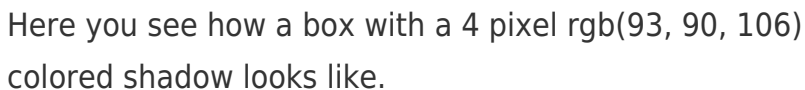
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 90, 106) }
```


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

```
.border{ border-color:rgb(93, 90, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 90, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 90, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 90, 106);  
box-shadow:4px 4px 4px 4px rgb(93, 90,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7719, 10.6801, 15.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 90, 106) }
```

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

```
.background{ background-color: rgb(93, 90,  
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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