

Converting Colors

XYZ(11.5167, 11.6379, 16.2191)

Have a look what the booklet for
XYZ(11.5167, 11.6379, 16.2191)
contains.

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Color

**XYZ(11.5718, 11.7214,
16.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5F6D
RGB	95, 95, 109
RGB Percent	37%, 37%, 43%
CMY	0.6274, 0.6274, 0.5725
CMYK	0.13, 0.13, 0.00, 0.57
HSL	240°, 7%, 40%
HSV	240°, 13%, 43%
XYZ	11.5718, 11.7214, 16.1206
YIQ	96.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

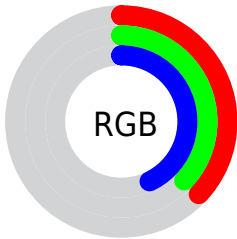
Format	Color
R_{YB}	95, 95, 109
Decimal	6250349
CIE Lab	40.77, 3.12, -7.93
CIE LCh	41, 8.516, 291.459
Yxy	11.7214, 0.2936, 0.2974
Android (android.graphics.Color)	4284440429 (0xFF5F5F6D)
YUV	96.5960, 6.1152, -1.3997
Hunter-Lab	34.2365, 0.4183, -3.9517

Details

The XYZ color **11.5718, 11.7214, 16.1206** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8409, 15.0146, 12.9953**, and the grayscale version is **11.2499, 11.8357, 12.8891**.

A 20% lighter version of the original color is **28.3246, 28.8999, 37.3431**, and **3.2344, 3.1974, 5.0041** is the 20% darker color. If you saturate the color by 10%, you get **9.6039, 9.3503, 15.7668**, and if you desaturate by 10%, it is **13.8363, 14.4499, 16.5281**.

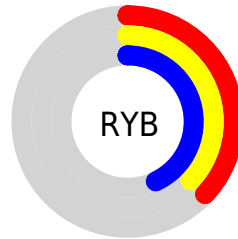
Distribution



Red (37%)

Green (37%)

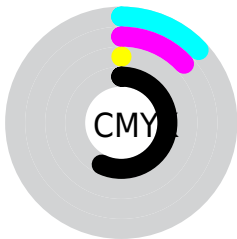
Blue (43%)



Red (37%)

Yellow (37%)

Blue (43%)

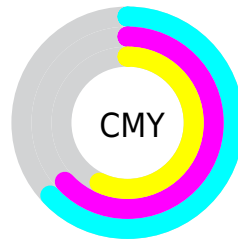


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (57%)



Cyan (63%)

Magenta (63%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5718, 11.7214, 16.1206 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 11.5718, 11.7214, 16.1206 by changing the saturation by 10% instead.

■ 11.5718, 11.7214,
16.1206

■ 11.5718, 11.7214,
16.1206

195.3779,
202.5521, 241.9223

■ 6.5229, 6.5543,
9.4543

■ 28.3365, 28.9867,
37.5771

■ 3.2092, 3.1849,
4.9378

■ 40.7830, 41.8536,
53.2044

■ 1.2654, 1.2290,
2.1527

■ 56.4261, 58.0559,
72.6558

■ 0.1571, 0.0852,
0.6469

■ 75.6311, 77.9780,
96.3497

■ 0.0000, 0.0000,
0.0000

98.7635, 102.0043,
124.7048

126.1885,

130.5191, 158.1395

158.2715,
163.9069, 197.0725

■ 11.5718, 11.7214,
16.1206

■ 11.5718, 11.7214,
16.1206

■ 9.6039, 9.3503,
15.7668

■ 13.8363, 14.4499,
16.5281

■ 7.9192, 7.3204,
15.4638

■ 16.4078, 17.5483,
16.9906

■ 6.5051, 5.6166,
15.2095

■ 19.2975, 21.0301,
17.5104

■ 5.3475, 4.2217,
15.0013

■ 22.5158, 24.9078,
18.0892

■ 4.4310, 3.1174,
14.8364

■ 26.0726, 29.1933,
18.7289

■ 3.7386, 2.2831,
14.7119

■ 29.9774, 33.8981,
19.4312

■ 3.2511, 1.6956,
14.6242

■ 34.2392, 39.0331,
20.1978

■ 2.9428, 1.3240,
14.5687

■ 38.8669, 44.6089,
21.0301

■ 2.7605, 1.1044,
14.5359

■ 43.8689, 50.6357,
21.9298

Harmonies

Analogous

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



10.9690, 11.7214, 16.3483



11.5718, 11.7214, 16.1206



12.0756, 11.7214, 14.9527

Triad

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



11.5718, 11.7214, 16.1206



11.8814, 11.7214, 10.3304



10.0297, 11.7214, 12.2743

Complementary

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



11.5718, 11.7214, 16.1206



13.8409, 15.0146, 12.9953

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.



10.2556, 11.7214, 10.7976



11.5718, 11.7214, 16.1206



11.3145, 11.7214, 9.7437

Square

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



11.5718, 11.7214, 16.1206



12.2588, 11.7214, 11.5823



10.7207, 11.7214, 9.9067



10.0930, 11.7214, 14.0205

Rectangle

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



11.5718, 11.7214, 16.1206



12.2804, 11.7214, 13.8514



10.7207, 11.7214, 9.9067



10.0741, 11.7214, 11.7324

Sweetspot

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



11.5722, 11.7219, 16.1209



24.2320, 25.2194, 29.4979



12.9359, 14.4695, 16.5136



5.5791, 5.7967, 6.8536



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.



11.5722, 11.7219, 16.1209



19.7652, 19.8374, 28.6945



12.3058, 12.0999, 16.1552



2.9484, 3.0252, 3.8634



3.2287, 1.2917, 17.0014



16.4512, 6.5809, 86.6294

Inverse Universe

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



12.4647, 12.2621, 12.5368



21.6514, 20.9790, 21.1205



13.0404, 14.6022, 12.9578



3.0998, 3.1168, 3.2557



7.3766, 3.8028, 0.3456



37.5866, 19.3766, 1.7598

Previews

White Background



This preview shows how the XYZ color 11.5718, 11.7214, 16.1206 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 11.5718, 11.7214, 16.1206 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

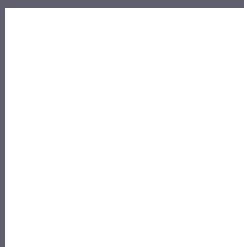
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5718, 11.7214, 16.1206

Background



This preview shows how black text looks on a background with the XYZ color 11.5718, 11.7214, 16.1206.

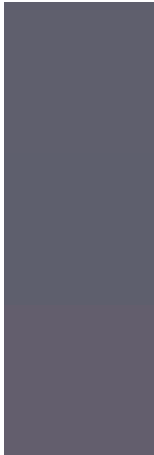


This preview shows how white text looks on a background with the XYZ color 11.5718, 11.7214,

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

11.5718, 11.7214, 16.1206

Protanopia

11.4686, 11.6682, 16.1157

Deuteranopia

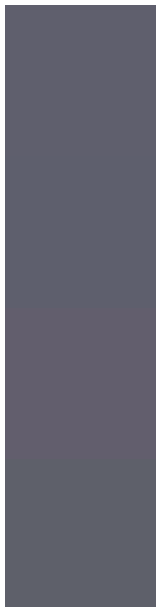
11.9086, 11.7622, 16.1107



Tritanopia

11.2977, 11.7449, 14.7682

Trichromacy



Original Color

11.5718, 11.7214, 16.1206

Protanomaly

11.4686, 11.6682, 16.1157

Deuteranomaly

11.8000, 11.7062, 16.1056

Tritanomaly

11.4005, 11.7860, 15.3097

Monochromacy



Original Color

11.5718, 11.7214, 16.1206

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3557, 11.7921, 13.9895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5718, 11.7214, 16.1206 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(95, 95, 109) looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 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(95, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.5718, 11.7214, 16.1206 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(95, 95, 109) }
```


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

```
.border{ border-color:rgb(95, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(95, 95,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5718, 11.7214, 16.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 109) }
```

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

```
.background{ background-color: rgb(95, 95,  
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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