

Converting Colors

XYZ(11.0864, 11.8327, 16.0921)

Have a look what the booklet for
XYZ(11.0864, 11.8327, 16.0921)
contains.

XYZ(11.1525, 11.9142, 16.1799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.1525, 11.9142,
16.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	58626D
RGB	88, 98, 109
RGB Percent	35%, 38%, 43%
CMY	0.6549, 0.6157, 0.5725
CMYK	0.19, 0.10, 0.00, 0.57
HSL	211°, 11%, 39%
HSV	211°, 19%, 43%
XYZ	11.1525, 11.9142, 16.1799
YIQ	96.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

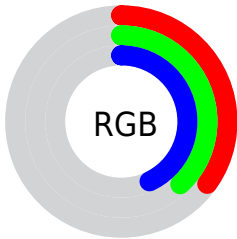
Format	Color
R_{YB}	88, 95, 109
Decimal	5792365
CIE Lab	41.08, -1.25, -7.52
CIE LCh	41, 7.624, 260.571
Yxy	11.9142, 0.2842, 0.3036
Android (android.graphics.Color)	4283982445 (0xFF58626D)
YUV	96.2640, 6.2788, -7.2475
Hunter-Lab	34.5170, -2.7309, -3.6305

Details

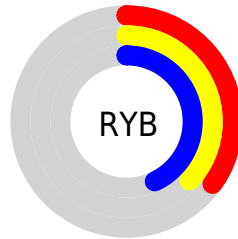
The XYZ color **11.1525, 11.9142, 16.1799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5301, 12.8795, 11.0583**, and the grayscale version is **11.1695, 11.7512, 12.7970**.

A 20% lighter version of the original color is **27.5738, 29.4362, 37.4862**, and **3.0523, 3.2960, 5.0327** is the 20% darker color. If you saturate the color by 10%, you get **9.6817, 10.3913, 15.9637**, and if you desaturate by 10%, it is **12.8164, 13.5938, 16.4166**.

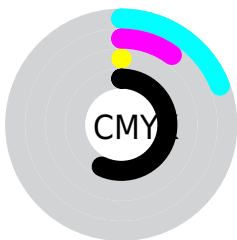
Distribution



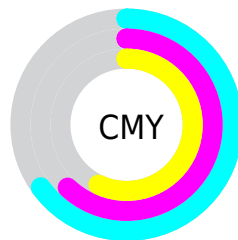
- Red (35%)
- Green (38%)
- Blue (43%)



- Red (35%)
- Yellow (37%)
- Blue (43%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)



- Cyan (65%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1525, 11.9142, 16.1799 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 11.1525, 11.9142, 16.1799 by changing the saturation by 10% instead.

■ 11.1525, 11.9142,
16.1799

■ 11.1525, 11.9142,
16.1799

192.5976,
203.8364, 242.2828

■ 6.2376, 6.6853,
9.4958

■ 27.5723, 29.3387,
37.6814

■ 3.0321, 3.2661,
4.9648

■ 39.8078, 42.3032,
53.3358

■ 1.1708, 1.2722,
2.1682

■ 55.2143, 58.6149,
72.8175

■ 0.0831, 0.1195,
0.6559

■ 74.1570, 78.6582,
96.5449

■ 0.0000, 0.0000,
0.0000

■ 97.0013, 102.8177,
124.9366

124.1126,

131.4776, 158.4111

155.8563,
165.0224, 197.3870

■ 11.1525, 11.9142,
16.1799

■ 11.1525, 11.9142,
16.1799

■ 9.6817, 10.3913,
15.9637

■ 12.8164, 13.5938,
16.4166

■ 8.3953, 9.0187,
15.7665

■ 14.6796, 15.4335,
16.6735

■ 7.2856, 7.7913,
15.5881

■ 16.7492, 17.4384,
16.9514

■ 6.3438, 6.7033,
15.4277

■ 19.0315, 19.6130,
17.2508

■ 5.5601, 5.7486,
15.2848

■ 21.5329, 21.9613,
17.5723

■ 4.9239, 4.9202,
15.1584

■ 24.2591, 24.4875,
17.9162

■ 4.4229, 4.2103,
15.0478

■ 27.2159, 27.1956,
18.2831

■ 4.0132, 3.5950,
14.9506

■ 30.4087, 30.0892,
18.6733

■ 3.9844, 3.5523,
14.9439

■ 33.8428, 33.1721,
19.0874

Harmonies

Analogous

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



10.6685, 11.9142, 15.4435



11.1525, 11.9142, 16.1799



11.6980, 11.9142, 16.0050

Triad

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



11.1525, 11.9142, 16.1799



12.3386, 11.9142, 11.9417



10.5302, 11.9142, 11.1503

Complementary

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



11.1525, 11.9142, 16.1799



12.5301, 12.8795, 11.0583

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.



10.9582, 11.9142, 10.3496



11.1525, 11.9142, 16.1799



12.0060, 11.9142, 10.7803

Square

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



11.1525, 11.9142, 16.1799



12.3947, 11.9142, 13.4728



11.4974, 11.9142, 10.2198



10.3170, 11.9142, 12.4849

Rectangle

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



11.1525, 11.9142, 16.1799



12.0227, 11.9142, 15.4001



11.4974, 11.9142, 10.2198



10.6531, 11.9142, 10.8145

Sweetspot

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



11.1529, 11.9147, 16.1802



23.9447, 25.3313, 29.5346



11.7383, 13.9102, 13.8333



5.5389, 5.8619, 6.8683



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.



11.1529, 11.9147, 16.1802



18.7773, 20.1084, 28.7989



10.3080, 10.1757, 15.8890



3.0562, 3.2407, 3.8993



4.6362, 4.1066, 17.4706



22.7641, 19.2068, 88.7337

Inverse Universe

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



12.0013, 11.1128, 13.0683



20.6043, 18.4602, 22.0801



13.4940, 14.8712, 11.3920



3.1542, 3.1385, 3.5422



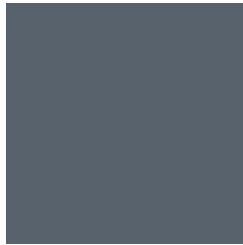
8.0870, 4.0869, 4.0866



40.7731, 20.6512, 18.5395

Previews

White Background



This preview shows how the XYZ color 11.1525, 11.9142, 16.1799 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 11.1525, 11.9142, 16.1799 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

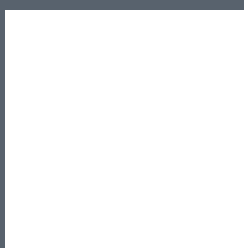
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1525, 11.9142, 16.1799

Background



This preview shows how black text looks on a background with the XYZ color 11.1525, 11.9142, 16.1799.



This preview shows how white text looks on a background with the XYZ color 11.1525, 11.9142,

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

11.1525, 11.9142, 16.1799

Protanopia

11.6090, 11.8813, 15.8688

Deuteranopia

12.0727, 11.8405, 16.4010



Tritanopia

10.8997, 11.8022, 15.3392

Trichromacy



Original Color

11.1525, 11.9142, 16.1799

Protanomaly

11.3951, 11.9074, 15.8851

Deuteranomaly

11.7306, 11.7970, 16.4106

Tritanomaly

10.9520, 11.8231, 15.6148

Monochromacy



Original Color

11.1525, 11.9142, 16.1799

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1379, 11.8161, 14.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1525, 11.9142, 16.1799 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(88, 98, 109) looks like.

```
.text, #text, p{  
    color:rgb(88, 98, 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(88, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 98, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.1525, 11.9142, 16.1799 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(88, 98, 109) }
```


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

```
.border{ border-color:rgb(88, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(88, 98,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1525, 11.9142, 16.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 98, 109) }
```

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

```
.background{ background-color: rgb(88, 98,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor