

Converting Colors

XYZ(11.2968, 11.5385, 17.9229)

Have a look what the booklet for
XYZ(11.2968, 11.5385, 17.9229)
contains.

XYZ(11.3065, 11.5461, 17.8524)	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(11.3065, 11.5461,
17.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	595F73
RGB	89, 95, 115
RGB Percent	35%, 37%, 45%
CMY	0.6510, 0.6274, 0.5490
CMYK	0.23, 0.17, 0.00, 0.55
HSL	226°, 13%, 40%
HSV	226°, 23%, 45%
XYZ	11.3065, 11.5461, 17.8524
YIQ	95.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

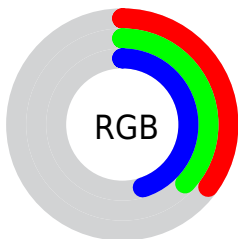
Format	Color
R_{YB}	89, 94, 115
Decimal	5857139
CIE Lab	40.49, 2.43, -12.08
CIE LCh	40, 12.319, 281.390
Yxy	11.5461, 0.2778, 0.2837
Android (android.graphics.Color)	4284047219 (0xFF595F73)
YUV	95.4860, 9.6204, -5.6882
Hunter-Lab	33.9796, -0.0694, -7.3645

Details

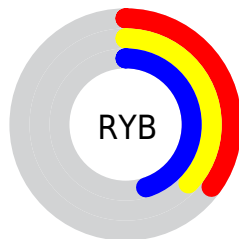
The XYZ color **11.3065, 11.5461, 17.8524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3420, 15.3032, 11.6492**, and the grayscale version is **10.9735, 11.5450, 12.5725**.

A 20% lighter version of the original color is **27.7479, 28.5298, 40.6035**, and **3.1077, 3.1155, 5.7477** is the 20% darker color. If you saturate the color by 10%, you get **9.5360, 9.5172, 17.5543**, and if you desaturate by 10%, it is **13.3406, 13.8458, 18.1893**.

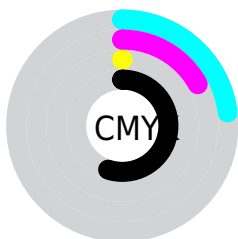
Distribution



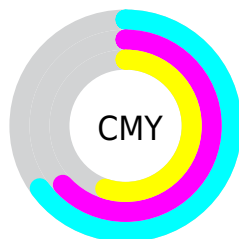
- Red (35%)
- Green (37%)
- Blue (45%)



- Red (35%)
- Yellow (37%)
- Blue (45%)



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3065, 11.5461, 17.8524 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 11.3065, 11.5461, 17.8524 by changing the saturation by 10% instead.

■ 11.3065, 11.5461,
17.8524

■ 11.3065, 11.5461,
17.8524

■ 193.6236,
201.3767, 252.2459

■ 6.3422, 6.4354,
10.6757

■ 27.8535, 28.6657,
40.5962

■ 3.0969, 3.1116,
5.7378

■ 40.1669, 41.4434,
57.0004

■ 1.2052, 1.1903,
2.6201

■ 55.6608, 57.5455,
77.3175

■ 0.1105, 0.0537,
0.9028

■ 74.7004, 77.3565,
101.9661

■ 0.0000, 0.0000,
0.0000

■ 97.6511, 101.2607,
131.3647

124.8783,

129.6425, 165.9318

156.7474,
162.8864, 206.0860

■ 11.3065, 11.5461,
17.8524

■ 11.3065, 11.5461,
17.8524

■ 9.5360, 9.5172,
17.5543

■ 13.3406, 13.8458,
18.1893

■ 8.0171, 7.7476,
17.2928

■ 15.6477, 16.4245,
18.5654

■ 6.7383, 6.2269,
17.0667

■ 18.2377, 19.2918,
18.9823

■ 5.6869, 4.9436,
16.8744

■ 21.1201, 22.4563,
19.4412

■ 4.8489, 3.8851,
16.7142

■ 24.3037, 25.9265,
19.9433

■ 4.2086, 3.0376,
16.5844

■ 27.7969, 29.7102,
20.4895

■ 3.7472, 2.3851,
16.4828

■ 31.6078, 33.8151,
21.0809

■ 3.4762, 2.0011,
16.4229

■ 35.7444, 38.2488,
21.7187

■ 40.2141, 43.0183,
22.4037

Harmonies

Analogous

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



10.4512, 11.5461, 17.6567



11.3065, 11.5461, 17.8524



12.1129, 11.5461, 16.5012

Triad

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



11.3065, 11.5461, 17.8524



12.2720, 11.5461, 9.6739



9.4700, 11.5461, 11.1099

Complementary

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



11.3065, 11.5461, 17.8524



14.3420, 15.3032, 11.6492

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.



9.9093, 11.5461, 9.3215



11.3065, 11.5461, 17.8524



11.5144, 11.5461, 8.5708

Square

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



11.3065, 11.5461, 17.8524



12.6895, 11.5461, 11.6529



10.6485, 11.5461, 8.4509



9.4209, 11.5461, 13.5376

Rectangle

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



11.3065, 11.5461, 17.8524



12.5026, 11.5461, 14.9973



10.6485, 11.5461, 8.4509



9.5758, 11.5461, 10.4229

Sweetspot

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



11.3069, 11.5466, 17.8527



26.0679, 27.2351, 32.9275



13.0075, 15.4882, 16.7533



6.1792, 6.4530, 7.8489



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.3069, 11.5466, 17.8527



18.5718, 18.7633, 31.6873



11.4839, 10.8659, 17.7119



3.5629, 3.7145, 4.6194



3.9590, 2.2578, 18.7697



18.7371, 9.8907, 91.2818

Inverse Universe

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



12.7084, 11.6160, 12.3994



21.5603, 18.9786, 20.0445



14.1265, 16.1753, 11.8289



3.7154, 3.7134, 4.0281



8.2955, 4.2519, 1.4982



40.1443, 20.6079, 5.8235

Previews

White Background



This preview shows how the XYZ color 11.3065, 11.5461, 17.8524 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 11.3065, 11.5461, 17.8524 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

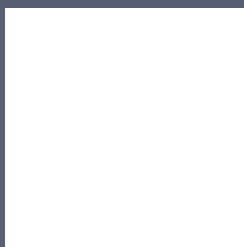
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3065, 11.5461, 17.8524

Background



This preview shows how black text looks on a background with the XYZ color 11.3065, 11.5461, 17.8524.

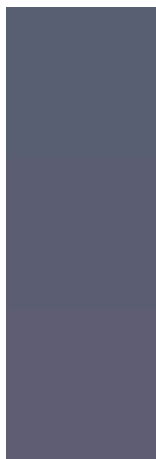


This preview shows how white text looks on a background with the XYZ color 11.3065, 11.5461,

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

11.3065, 11.5461, 17.8524

Protanopia

11.4116, 11.4674, 17.8316

Deuteranopia

11.7282, 11.4994, 17.8211



Tritanopia

10.7550, 11.5955, 15.0359

Trichromacy



Original Color

11.3065, 11.5461, 17.8524

Protanomaly

11.3137, 11.4169, 17.8270

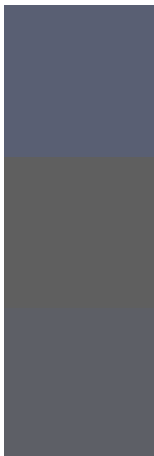
Deuteranomaly

11.6114, 11.5704, 17.8410

Tritanomaly

10.9677, 11.5446, 16.1183

Monochromacy



Original Color

11.3065, 11.5461, 17.8524

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.0047, 11.4709, 14.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3065, 11.5461, 17.8524 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, 95, 115) looks like.

```
.text, #text, p{  
    color:rgb(89, 95, 115)  
}
```

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, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 95, 115) }
```

Border

The CSS property to change the border of an element to XYZ 11.3065, 11.5461, 17.8524 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, 95, 115) }
```


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

```
.border{ border-color:rgb(89, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(89, 95,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3065, 11.5461, 17.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 95, 115) }
```

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

```
.background{ background-color: rgb(89, 95,  
115) }
```

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