

Converting Colors

XYZ(11.4403, 11.8509, 18.1338)

Have a look what the booklet for
XYZ(11.4403, 11.8509, 18.1338)
contains.

XYZ(11.4516, 11.8850, 18.2135)	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(11.4516, 11.8850,
18.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	586174
RGB	88, 97, 116
RGB Percent	35%, 38%, 45%
CMY	0.6549, 0.6196, 0.5451
CMYK	0.24, 0.16, 0.00, 0.55
HSL	221°, 14%, 40%
HSV	221°, 24%, 45%
XYZ	11.4516, 11.8850, 18.2135
YIQ	96.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

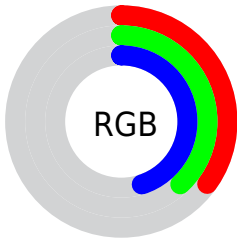
Format	Color
R_{YB}	88, 95, 116
Decimal	5792116
CIE _{Lab}	41.03, 1.12, -11.87
CIE _{LCh}	41, 11.919, 275.398
Yxy	11.8850, 0.2756, 0.2860
Android (android.graphics.Color)	4283982196 (0xFF586174)
YUV	96.4750, 9.6258, -7.4326
Hunter-Lab	34.4746, -1.0374, -7.1916

Details

The XYZ color **11.4516, 11.8850, 18.2135** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2219, 14.9333, 11.3658**, and the grayscale version is **11.2133, 11.7973, 12.8472**.

A 20% lighter version of the original color is **28.1390, 29.4102, 41.2394**, and **3.1821, 3.2772, 5.9337** is the 20% darker color. If you saturate the color by 10%, you get **9.7482, 9.9804, 17.9359**, and if you desaturate by 10%, it is **13.4027, 14.0250, 18.5239**.

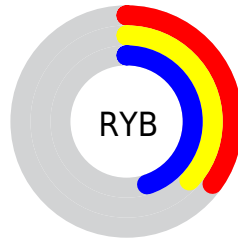
Distribution



 Red (35%)

 Green (38%)

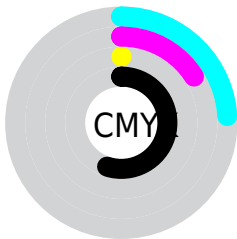
 Blue (45%)



 Red (35%)

 Yellow (37%)

 Blue (45%)

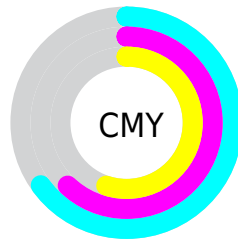


 Cyan (24%)

 Magenta (16%)

 Yellow (0%)

 Black (55%)



 Cyan (65%)

 Magenta (62%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4516, 11.8850, 18.2135 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 11.4516, 11.8850, 18.2135 by changing the saturation by 10% instead.

■ 11.4516, 11.8850,
18.2135

■ 11.4516, 11.8850,
18.2135

194.5851,
203.6425, 254.3481

■ 6.4410, 6.6654,
10.9324

■ 28.1179, 29.2855,
41.2196

■ 3.1582, 3.2538,
5.9078

■ 40.5043, 42.2352,
57.7817

■ 1.2380, 1.2656,
2.7212

■ 56.0799, 58.5304,
78.2745

■ 0.1360, 0.1143,
0.9541

■ 75.2102, 78.5554,
103.1165

■ 0.0000, 0.0000,
0.0000

■ 98.2606, 102.6948,
132.7264

125.5963,

131.3328, 167.5225

157.5826,
164.8539, 207.9236

■ 11.4516, 11.8850,
18.2135

■ 11.4516, 11.8850,
18.2135

■ 9.7482, 9.9804,
17.9359

■ 13.4027, 14.0250,
18.5239

■ 8.2810, 8.3014,
17.6891

■ 15.6101, 16.4069,
18.8673

■ 7.0393, 6.8395,
17.4724

■ 18.0833, 19.0389,
19.2450

■ 6.0111, 5.5850,
17.2844

■ 20.8311, 21.9282,
19.6579

■ 5.1831, 4.5274,
17.1239

■ 23.8617, 25.0817,
20.1068

■ 4.5404, 3.6553,
16.9895

■ 27.1831, 28.5061,
20.5928

■ 4.0621, 2.9538,
16.8793

■ 30.8028, 32.2079,
21.1165

■ 3.8230, 2.6020,
16.8240

■ 34.7283, 36.1931,
21.6788

■ 38.9667, 40.4679,
22.2806

Harmonies

Analogous

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



10.6260, 11.8850, 17.7080



11.4516, 11.8850, 18.2135



12.2750, 11.8850, 17.1680

Triad

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



11.4516, 11.8850, 18.2135



12.6893, 11.8850, 10.4019



9.8673, 11.8850, 11.0789

Complementary

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



11.4516, 11.8850, 18.2135



14.2219, 14.9333, 11.3658

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.



10.3711, 11.8850, 9.4715



11.4516, 11.8850, 18.2135



11.9943, 11.8850, 9.1165

Square

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



11.4516, 11.8850, 18.2135



13.0123, 11.8850, 12.5031



11.1425, 11.8850, 8.7986



9.7383, 11.8850, 13.3885

Rectangle

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



11.4516, 11.8850, 18.2135



12.7034, 11.8850, 15.8011



11.1425, 11.8850, 8.7986



9.9972, 11.8850, 10.4483

Sweetspot

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



11.4520, 11.8855, 18.2138



26.2109, 27.5211, 32.9752



12.9066, 15.6203, 16.1532



6.2151, 6.5248, 7.8608



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.



11.4520, 11.8855, 18.2138



18.4015, 18.9680, 31.7358



11.1230, 10.5506, 17.9735



3.5879, 3.7644, 4.6277



4.2745, 2.8888, 18.8749



20.1323, 12.6811, 91.7469

Inverse Universe

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



12.8502, 11.5559, 12.8629



21.3412, 18.3812, 20.4621



14.6047, 16.5968, 11.6667



3.7280, 3.7185, 4.0944



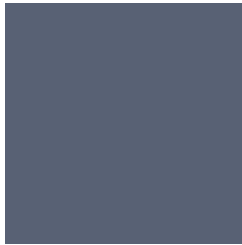
8.4547, 4.3156, 2.3368



40.8486, 20.8895, 9.5319

Previews

White Background



This preview shows how the XYZ color 11.4516, 11.8850, 18.2135 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 11.4516, 11.8850, 18.2135 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

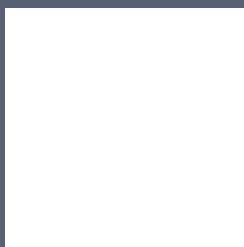
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4516, 11.8850, 18.2135

Background



This preview shows how black text looks on a background with the XYZ color 11.4516, 11.8850, 18.2135.

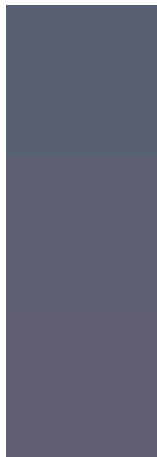


This preview shows how white text looks on a background with the XYZ color 11.4516, 11.8850,

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

11.4516, 11.8850, 18.2135

Protanopia

11.7916, 11.9307, 17.9010

Deuteranopia

12.0375, 11.7766, 18.4683



Tritanopia

10.9011, 11.9427, 15.3663

Trichromacy



Original Color

11.4516, 11.8850, 18.2135

Protanomaly

11.5918, 11.8277, 17.8917

Deuteranomaly

11.8173, 11.7959, 18.4836

Tritanomaly

11.1126, 11.8874, 16.4606

Monochromacy



Original Color

11.4516, 11.8850, 18.2135

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1453, 11.6722, 14.4975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4516, 11.8850, 18.2135 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, 97, 116) looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 116)  
}
```

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, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 116) }
```

Border

The CSS property to change the border of an element to XYZ 11.4516, 11.8850, 18.2135 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, 97, 116) }
```


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

```
.border{ border-color:rgb(88, 97, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 116);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4516, 11.8850, 18.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 116) }
```

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

```
.background{ background-color: rgb(88, 97,  
116) }
```

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