

Converting Colors

XYZ(11.3888, 12.7205, 14.2214)

Have a look what the booklet for
XYZ(11.3888, 12.7205, 14.2214)
contains.

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Color

**XYZ(11.3168, 12.6160,
14.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6665
RGB	90, 102, 101
RGB Percent	35%, 40%, 40%
CMY	0.6471, 0.6000, 0.6039
CMYK	0.12, 0.00, 0.01, 0.60
HSL	175°, 6%, 38%
HSV	175°, 12%, 40%
XYZ	11.3168, 12.6160, 14.1506
YIQ	98.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

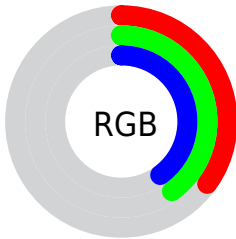
Format	Color
R_{YB}	90, 96, 102
Decimal	5924453
CIE Lab	42.18, -4.79, -1.00
CIE LCh	42, 4.894, 191.760
Yxy	12.6160, 0.2972, 0.3313
Android (android.graphics.Color)	4284114533 (0xFF5A6665)
YUV	98.2980, 1.3321, -7.2773
Hunter-Lab	35.5190, -5.2859, 1.2425

Details

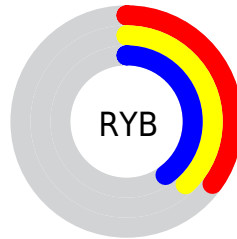
The XYZ color **11.3168, 12.6160, 14.1506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0245, 10.8928, 11.4196**, and the grayscale version is **11.6820, 12.2904, 13.3842**.

A 20% lighter version of the original color is **27.8739, 30.6249, 34.1478**, and **3.0707, 3.5342, 4.0103** is the 20% darker color. If you saturate the color by 10%, you get **10.3506, 12.1230, 13.8890**, and if you desaturate by 10%, it is **12.4204, 13.1804, 14.4214**.

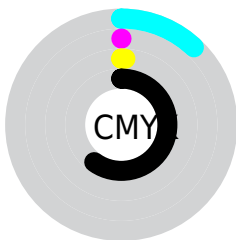
Distribution



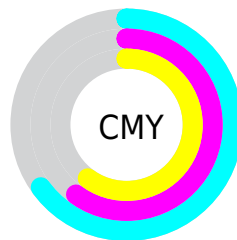
- Red (35%)
- Green (40%)
- Blue (40%)



- Red (35%)
- Yellow (38%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3168, 12.6160, 14.1506 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 11.3168, 12.6160, 14.1506 by changing the saturation by 10% instead.

■ 11.3168, 12.6160,
14.1506

■ 11.3168, 12.6160,
14.1506

193.6920,
208.4418, 229.6266

■ 6.3492, 7.1647,
8.0855

■ 27.8723, 30.6122,
34.0770

■ 3.1012, 3.5653,
4.0612

■ 40.1909, 43.9258,
48.7754

■ 1.2075, 1.4335,
1.6590

■ 55.6906, 60.6289,
67.1886

■ 0.1123, 0.2412,
0.3324

■ 74.7366, 81.1060,
89.7353

■ 0.0000, 0.0000,
0.0000

■ 97.6945, 105.7415,
116.8338

124.9294,

134.9197, 148.9029

156.8068,
169.0250, 186.3610

■ 11.3168, 12.6160,
14.1506

■ 11.3168, 12.6160,
14.1506

■ 10.3506, 12.1230,
13.8890

■ 12.4204, 13.1804,
14.4214

■ 9.5151, 11.6971,
13.6355

■ 13.6654, 13.8174,
14.7008

■ 8.8048, 11.3356,
13.3902

■ 15.0572, 14.5299,
14.9894

■ 8.2135, 11.0354,
13.1526

■ 16.6004, 15.3205,
15.2873

■ 7.7341, 10.7929,
12.9225

■ 18.2995, 16.1914,
15.5948

■ 7.3591, 10.6041,
12.6995

■ 20.1589, 17.1448,
15.9121

■ 7.0799, 10.4647,
12.4832

■ 22.1826, 18.1829,
16.2393

■ 6.8857, 10.3690,
12.2730

■ 24.3746, 19.3077,
16.5768

■ 6.7492, 10.3022,
12.1028

■ 26.7387, 20.5212,
16.9246

Harmonies

Analogous

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



11.3366, 12.6160, 13.1169



11.3168, 12.6160, 14.1506



11.4750, 12.6160, 15.1199

Triad

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



11.3168, 12.6160, 14.1506



12.4649, 12.6160, 15.2919



12.2122, 12.6160, 11.9140

Complementary

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



11.3168, 12.6160, 14.1506



11.0245, 10.8928, 11.4196

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.



12.5225, 12.6160, 12.4405



11.3168, 12.6160, 14.1506



12.6704, 12.6160, 14.3757

Square

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



11.3168, 12.6160, 14.1506



12.1348, 12.6160, 15.8008



12.6917, 12.6160, 13.3309



11.8486, 12.6160, 11.8606

Rectangle

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



11.3168, 12.6160, 14.1506



11.6620, 12.6160, 15.5854



12.6917, 12.6160, 13.3309



12.3264, 12.6160, 12.0403

Sweetspot

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



11.3172, 12.6165, 14.1509



21.3051, 22.8708, 25.1779



10.9314, 12.4758, 11.5050



4.9988, 5.3815, 5.9331



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.3172, 12.6165, 14.1509



19.3772, 21.8856, 24.6938



10.9083, 11.7198, 14.2582



2.8942, 3.1815, 3.5445



8.6610, 13.2280, 15.5081



45.0157, 68.9288, 80.0620

Inverse Universe

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



11.0245, 10.8928, 11.4196



18.7595, 18.2481, 18.9303



11.3996, 11.7118, 11.3329



2.8379, 2.8498, 3.0190



7.0899, 3.6489, 0.6056



36.8320, 18.9728, 2.3929

Previews

White Background



This preview shows how the XYZ color 11.3168, 12.6160, 14.1506 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 11.3168, 12.6160, 14.1506 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

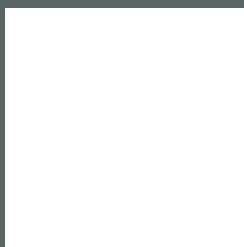
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3168, 12.6160, 14.1506

Background



This preview shows how black text looks on a background with the XYZ color 11.3168, 12.6160, 14.1506.



This preview shows how white text looks on a background with the XYZ color 11.3168, 12.6160,

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

11.3168, 12.6160, 14.1506

Protanopia

12.0808, 12.5912, 13.5980

Deuteranopia

12.7655, 12.5132, 14.3128



Tritanopia

11.7284, 12.6356, 16.2888

Trichromacy



Original Color

11.3168, 12.6160, 14.1506

Protanomaly

11.7872, 12.5758, 13.8627

Deuteranomaly

12.1328, 12.4614, 14.3362

Tritanomaly

11.5696, 12.5721, 15.4525

Monochromacy



Original Color

11.3168, 12.6160, 14.1506

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4333, 12.2574, 13.5677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3168, 12.6160, 14.1506 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(90, 102, 101) looks like.

```
.text, #text, p{  
    color:rgb(90, 102, 101)  
}
```

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(90, 102, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 102, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.3168, 12.6160, 14.1506 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(90, 102, 101) }
```


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

```
.border{ border-color:rgb(90, 102, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 102, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 102, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 102, 101);  
box-shadow:4px 4px 4px 4px rgb(90, 102,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3168, 12.6160, 14.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 102, 101) }
```

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

```
.background{ background-color: rgb(90, 102,  
101) }
```

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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