

Converting Colors

XYZ(11.6986, 14.2960, 10.0270)

Have a look what the booklet for
XYZ(11.6986, 14.2960, 10.0270)
contains.

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Color

**XYZ(11.7216, 14.3052,
10.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6F52
RGB	93, 111, 82
RGB Percent	36%, 44%, 32%
CMY	0.6353, 0.5647, 0.6784
CMYK	0.16, 0.00, 0.26, 0.56
HSL	97°, 15%, 38%
HSV	97°, 26%, 44%
XYZ	11.7216, 14.3052, 10.1260
YIQ	102.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

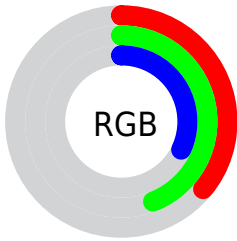
Format	Color
R _Y B	82, 111, 100
Decimal	6123346
CIE Lab	44.67, -12.62, 13.99
CIE LCh	45, 18.838, 132.060
Yxy	14.3052, 0.3242, 0.3957
Android (android.graphics.Color)	4284313426 (0xFF5D6F52)
YUV	102.3120, -10.0138, -8.1666
Hunter-Lab	37.8222, -10.8694, 10.6021

Details

The XYZ color **11.7216, 14.3052, 10.1260** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.1426, 9.8920, 16.3617**, and the grayscale version is **12.7370, 13.4003, 14.5929**.

A 20% lighter version of the original color is **28.7637, 33.7896, 26.8358**, and **3.2381, 4.2694, 2.4037** is the 20% darker color. If you saturate the color by 10%, you get **10.6668, 13.8068, 8.0473**, and if you desaturate by 10%, it is **12.9084, 14.8646, 12.5683**.

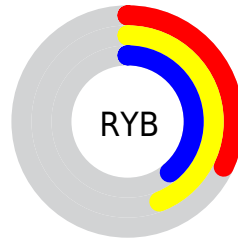
Distribution



Red (36%)

Green (44%)

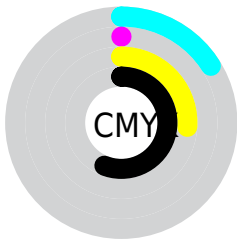
Blue (32%)



Red (32%)

Yellow (44%)

Blue (39%)

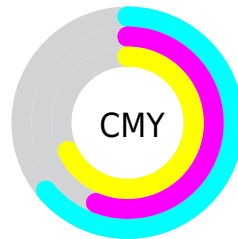


Cyan (16%)

Magenta (0%)

Yellow (26%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7216, 14.3052, 10.1260 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 11.7216, 14.3052, 10.1260 by changing the saturation by 10% instead.

■ 11.7216, 14.3052,
10.1260

■ 11.7216, 14.3052,
10.1260

196.3612,
219.1213, 202.0864

■ 6.6252, 8.3332,
5.3759

■ 28.6083, 33.6296,
26.6437

■ 3.2731, 4.3089,
2.4069

■ 41.1294, 47.7508,
39.2484

■ 1.2998, 1.8478,
0.7902

■ 56.8561, 65.3572,
55.3084

■ 0.1831, 0.5167,
0.0000

■ 76.1537, 86.8333,
75.2422

■ 0.0000, 0.0000,
0.0000

■ 99.3877, 112.5633,
99.4684

126.9234,

142.9317, 128.4054

159.1261,
178.3229, 162.4719

■ 11.7216, 14.3052,
10.1260

■ 11.7216, 14.3052,
10.1260

■ 10.6668, 13.8068,
8.0473

■ 12.9084, 14.8646,
12.5683

■ 9.7378, 13.3653,
6.3139

■ 14.2307, 15.4852,
15.3893

■ 8.9299, 12.9791,
4.9072

■ 15.6934, 16.1696,
18.6047

■ 8.2373, 12.6457,
3.8068

■ 17.3004, 16.9195,
22.2289

■ 7.6538, 12.3624,
2.9896

■ 19.0560, 17.7368,
26.2754

■ 7.1725, 12.1261,
2.4296

■ 20.9640, 18.6232,
30.7574

■ 6.7803, 11.9315,
2.0691

■ 23.0280, 19.5802,
35.6872

■ 6.6436, 11.8638,
1.9398

■ 25.2516, 20.6095,
41.0768

■ 27.6383, 21.7127,
46.9378

Harmonies

Analogous

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



12.9919, 14.3052, 8.7104



11.7216, 14.3052, 10.1260



10.9883, 14.3052, 13.1249

Triad

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



11.7216, 14.3052, 10.1260



12.7115, 14.3052, 25.0327



16.6775, 14.3052, 13.8829

Complementary

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



11.7216, 14.3052, 10.1260



11.1426, 9.8920, 16.3617

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.



16.5883, 14.3052, 18.3146



11.7216, 14.3052, 10.1260



14.2199, 14.3052, 25.3405

Square

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



11.7216, 14.3052, 10.1260



11.5296, 14.3052, 21.9212



15.6617, 14.3052, 22.6968



15.8971, 14.3052, 10.5910

Rectangle

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



11.7216, 14.3052, 10.1260



10.8664, 14.3052, 15.8804



15.6617, 14.3052, 22.6968



16.7498, 14.3052, 15.2754

Sweetspot

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



11.7220, 14.3058, 10.1263



24.9658, 27.4860, 26.4422



12.6251, 13.0812, 9.8423



5.9251, 6.5692, 6.1962



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.7220, 14.3058, 10.1263



19.8807, 25.0920, 15.9261



10.8195, 13.8253, 10.7729



3.4536, 3.8192, 3.6285



7.8008, 13.9652, 2.2844



37.9647, 69.1055, 11.3378

Inverse Universe

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



11.1426, 9.8920, 16.3617



18.6644, 15.8350, 29.0025



12.2598, 10.4890, 15.4597



3.3978, 3.3933, 4.2301



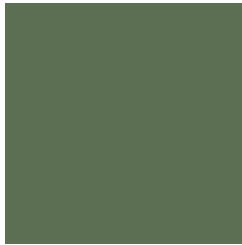
6.2356, 2.8240, 17.9380



30.0813, 13.5618, 89.3114

Previews

White Background



This preview shows how the XYZ color 11.7216, 14.3052, 10.1260 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 11.7216, 14.3052, 10.1260 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 11.7216, 14.3052, 10.1260

Background



This preview shows how black text looks on a background with the XYZ color 11.7216, 14.3052, 10.1260.



This preview shows how white text looks on a background with the XYZ color 11.7216, 14.3052,

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

11.7216, 14.3052, 10.1260

Protanopia

13.2729, 14.1784, 9.4343

Deuteranopia

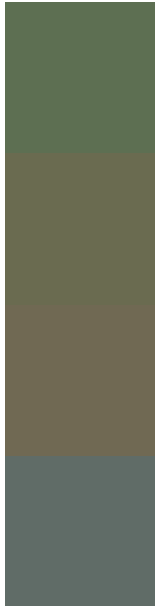
14.4223, 14.1584, 10.3602



Tritanopia

13.3892, 14.3499, 18.2838

Trichromacy



Original Color

11.7216, 14.3052, 10.1260

Protanomaly

12.6495, 14.1587, 9.6556

Deuteranomaly

13.2950, 14.1724, 10.2184

Tritanomaly

12.6346, 14.1912, 14.9052

Monochromacy



Original Color

11.7216, 14.3052, 10.1260

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.2627, 13.5820, 12.8018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7216, 14.3052, 10.1260 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(93, 111, 82) looks like.

```
.text, #text, p{  
    color:rgb(93, 111, 82)  
}
```

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(93, 111, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 111, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.7216, 14.3052, 10.1260 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(93, 111, 82) }
```


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

```
.border{ border-color:rgb(93, 111, 82) }
```

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

Here you see how a box with a 4 pixel rgb(93, 111, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 111, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 111, 82);  
box-shadow:4px 4px 4px 4px rgb(93, 111,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7216, 14.3052, 10.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 111, 82) }
```

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

```
.background{ background-color: rgb(93, 111,  
82) }
```

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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