

Converting Colors

XYZ(14.3145, 17.5072, 11.8573)

Have a look what the booklet for
XYZ(14.3145, 17.5072, 11.8573)
contains.

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Color

**XYZ(14.3145, 17.5072,
11.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	677A58
RGB	103, 122, 88
RGB Percent	40%, 48%, 35%
CMY	0.5961, 0.5216, 0.6549
CMYK	0.16, 0.00, 0.28, 0.52
HSL	94°, 16%, 41%
HSV	94°, 28%, 48%
XYZ	14.3145, 17.5072, 11.8573
YIQ	112.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

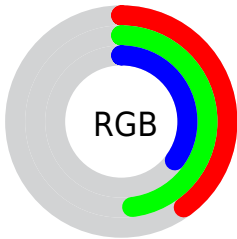
Format	Color
R _Y B	88, 122, 107
Decimal	6781528
CIE Lab	48.89, -13.69, 16.38
CIE LCh	49, 21.345, 129.893
Yxy	17.5072, 0.3277, 0.4008
Android (android.graphics.Color)	4284971608 (0xFF677A58)
YUV	112.4430, -12.0504, -8.2815
Hunter-Lab	41.8416, -12.1559, 12.4872

Details

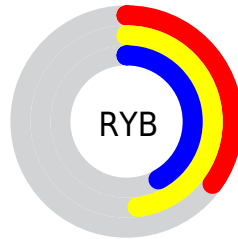
The XYZ color **14.3145, 17.5072, 11.8573** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.0667, 11.5109, 19.9464**, and the grayscale version is **15.5662, 16.3769, 17.8344**.

A 20% lighter version of the original color is **33.0499, 38.9771, 29.8262**, and **4.3760, 5.7445, 3.0686** is the 20% darker color. If you saturate the color by 10%, you get **13.1005, 16.9355, 9.3797**, and if you desaturate by 10%, it is **15.6778, 18.1472, 14.7842**.

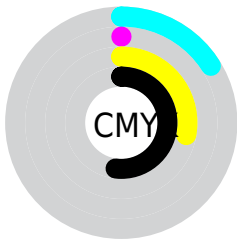
Distribution



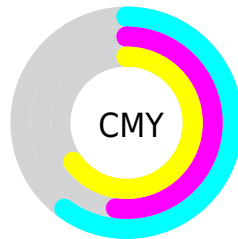
- Red (40%)
- Green (48%)
- Blue (35%)



- Red (35%)
- Yellow (48%)
- Blue (42%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3145, 17.5072, 11.8573 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 14.3145, 17.5072, 11.8573 by changing the saturation by 10% instead.

■ 14.3145, 17.5072,
11.8573

■ 14.3145, 17.5072,
11.8573

212.6503,
238.0785, 214.4026

■ 8.4229, 10.5968,
6.5252

■ 33.2277, 39.1958,
29.8954

■ 4.4208, 5.7964,
3.0931

■ 46.9799, 54.7427,
43.4386

■ 1.9428, 2.7217,
1.1424

■ 64.0831, 73.9373,
60.5558

■ 0.6015, 0.9882,
0.0000

■ 84.9026, 97.1639,
81.6657

■ 0.0000, 0.0000,
0.0000

■ 109.8037,
124.8070, 107.1868

139.1518,

157.2508, 137.5376

173.3122,
194.8799, 173.1367

■ 14.3145, 17.5072,
11.8573

■ 14.3145, 17.5072,
11.8573

■ 13.1005, 16.9355,
9.3797

■ 15.6778, 18.1472,
14.7842

■ 12.0288, 16.4273,
7.3279

■ 17.1944, 18.8554,
18.1800

■ 11.0936, 15.9807,
5.6783

■ 18.8699, 19.6349,
22.0644

■ 10.2883, 15.5929,
4.4044

■ 20.7091, 20.4878,
26.4557

■ 9.6055, 15.2608,
3.4763

■ 22.7166, 21.4159,
31.3713

■ 9.0370, 14.9807,
2.8598

■ 24.8968, 22.4214,
36.8277

■ 8.5646, 14.7454,
2.4694

■ 27.2540, 23.5059,
42.8407

■ 8.4715, 14.6990,
2.3907

■ 29.7924, 24.6714,
49.4255

■ 32.5157, 25.9194,
56.5967

Harmonies

Analogous

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



15.9941, 17.5072, 10.2081



14.3145, 17.5072, 11.8573



13.3131, 17.5072, 15.5525

Triad

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



14.3145, 17.5072, 11.8573



15.3646, 17.5072, 31.2522



20.6820, 17.5072, 17.2487

Complementary

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



14.3145, 17.5072, 11.8573



13.0667, 11.5109, 19.9464

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.



20.4798, 17.5072, 23.0642



14.3145, 17.5072, 11.8573



17.3032, 17.5072, 31.9564

Square

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



14.3145, 17.5072, 11.8573



13.8851, 17.5072, 26.9505



19.2048, 17.5072, 28.7178



19.7373, 17.5072, 12.8865

Rectangle

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



14.3145, 17.5072, 11.8573



13.1140, 17.5072, 19.0420



19.2048, 17.5072, 28.7178



20.7475, 17.5072, 19.0827

Sweetspot

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



14.3150, 17.5080, 11.8577



30.1580, 33.1285, 31.7761



15.0146, 15.2958, 11.3938



6.8145, 7.5370, 7.0813



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3150, 17.5080, 11.8577



23.8861, 30.1895, 18.1840



12.8173, 16.7276, 12.1596



4.1031, 4.5284, 4.2823



8.9094, 15.4702, 2.5165



41.5533, 73.3069, 11.9596

Inverse Universe

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



13.0667, 11.5109, 19.9464



21.3320, 17.9230, 34.7281



14.9248, 12.4809, 19.4882



3.9918, 3.9937, 5.0036



6.2121, 2.7752, 19.5935



28.6413, 12.7271, 93.4168

Previews

White Background



This preview shows how the XYZ color 14.3145, 17.5072, 11.8573 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 14.3145, 17.5072, 11.8573 looks on a black 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

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

XYZ 14.3145, 17.5072, 11.8573

Background



This preview shows how black text looks on a background with the XYZ color 14.3145, 17.5072, 11.8573.



This preview shows how white text looks on a background with the XYZ color 14.3145, 17.5072,

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

14.3145, 17.5072, 11.8573

Protanopia

16.1973, 17.4317, 11.1053

Deuteranopia

17.6832, 17.3413, 12.0881



Tritanopia

16.4339, 17.4801, 22.2465

Trichromacy



Original Color

14.3145, 17.5072, 11.8573

Protanomaly

15.3606, 17.3418, 11.3418

Deuteranomaly

16.2461, 17.2678, 11.9280

Tritanomaly

15.5849, 17.4893, 17.8836

Monochromacy



Original Color

14.3145, 17.5072, 11.8573

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0002, 16.7213, 15.2689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3145, 17.5072, 11.8573 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(103, 122, 88)` looks like.

```
.text, #text, p{  
    color:rgb(103, 122, 88)  
}
```

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(103, 122, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 122, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.3145, 17.5072, 11.8573 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(103, 122, 88) }
```


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

```
.border{ border-color:rgb(103, 122, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 122, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 122, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 122, 88);  
box-shadow:4px 4px 4px 4px rgb(103, 122,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3145, 17.5072, 11.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 122, 88) }
```

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

```
.background{ background-color: rgb(103,  
122, 88) }
```

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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