

Converting Colors

XYZ(15.4295, 17.6216, 18.6154)

Have a look what the booklet for
XYZ(15.4295, 17.6216, 18.6154)
contains.

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Color

**XYZ(15.3473, 17.5314,
18.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	677872
RGB	103, 120, 114
RGB Percent	40%, 47%, 45%
CMY	0.5961, 0.5294, 0.5529
CMYK	0.14, 0.00, 0.05, 0.53
HSL	159°, 8%, 44%
HSV	159°, 14%, 47%
XYZ	15.3473, 17.5314, 18.4946
YIQ	114.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

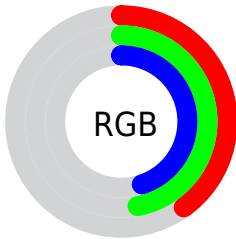
Format	Color
R_{YB}	103, 113, 120
Decimal	6781042
CIE Lab	48.92, -7.57, 1.17
CIE LCh	49, 7.659, 171.186
Yxy	17.5314, 0.2987, 0.3413
Android (android.graphics.Color)	4284971122 (0xFF677872)
YUV	114.2330, -0.1149, -9.8513
Hunter-Lab	41.8705, -7.8457, 3.1204

Details

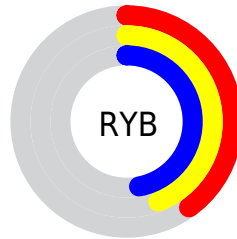
The XYZ color **15.3473, 17.5314, 18.4946** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3570, 14.7983, 16.5159**, and the grayscale version is **16.0667, 16.9034, 18.4078**.

A 20% lighter version of the original color is **34.9619, 39.1282, 41.7862**, and **4.9316, 5.8688, 6.0271** is the 20% darker color. If you saturate the color by 10%, you get **13.8330, 16.7784, 17.1942**, and if you desaturate by 10%, it is **17.0714, 18.3922, 19.8638**.

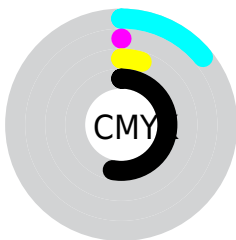
Distribution



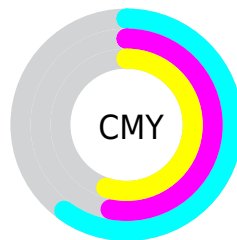
- Red (40%)
- Green (47%)
- Blue (45%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3473, 17.5314, 18.4946 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 15.3473, 17.5314, 18.4946 by changing the saturation by 10% instead.

■ 15.3473, 17.5314,
18.4946

■ 15.3473, 17.5314,
18.4946

218.8058,
238.2163, 255.9733

■ 9.1514, 10.6141,
11.1326

■ 35.0280, 39.2372,
41.7036

■ 4.8980, 5.8080,
6.0408

■ 49.2435, 54.7945,
58.3876

■ 2.2217, 2.7287,
2.8007

■ 66.8628, 74.0005,
79.0161

■ 0.7541, 0.9918,
0.9938

■ 88.2515, 97.2398,
104.0074

■ 0.0000, 0.0000,
0.0000

113.7747,
124.8966, 133.7803

143.7980,

157.3553, 168.7533

178.6865,
195.0005, 209.3447

■ 15.3473, 17.5314,
18.4946

■ 15.3473, 17.5314,
18.4946

■ 13.8330, 16.7784,
17.1942

■ 17.0714, 18.3922,
19.8638

■ 12.5184, 16.1267,
15.9604

■ 19.0118, 19.3626,
21.3019

■ 11.3949, 15.5722,
14.7922

■ 21.1765, 20.4475,
22.8103

■ 10.4526, 15.1099,
13.6885

■ 23.5728, 21.6503,
24.3901

■ 9.6808, 14.7343,
12.6478

■ 26.2077, 22.9748,
26.0423

■ 9.0676, 14.4391,
11.6688

■ 29.0875, 24.4242,
27.7681

■ 8.5992, 14.2175,
10.7500

■ 32.2188, 26.0019,
29.5682

■ 8.2565, 14.0595,
9.8895

■ 35.6076, 27.7108,
31.4439

■ 8.0790, 13.9785,
9.4125

■ 39.2598, 29.5542,
33.3959

Harmonies

Analogous

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



15.6196, 17.5314, 16.7366



15.3473, 17.5314, 18.4946



15.4197, 17.5314, 20.5401

Triad

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



15.3473, 17.5314, 18.4946



17.1624, 17.5314, 22.9802



17.5354, 17.5314, 16.1955

Complementary

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



15.3473, 17.5314, 18.4946



15.3570, 14.7983, 16.5159

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.



17.9716, 17.5314, 17.7074



15.3473, 17.5314, 18.4946



17.7520, 17.5314, 21.6515

Square

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



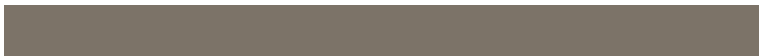
15.3473, 17.5314, 18.4946



16.4543, 17.5314, 23.2285



18.0520, 17.5314, 19.6954



16.8736, 17.5314, 15.4726

Rectangle

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



15.3473, 17.5314, 18.4946



15.6545, 17.5314, 21.7870



18.0520, 17.5314, 19.6954



17.7141, 17.5314, 16.6230

Sweetspot

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



15.3478, 17.5321, 18.4950



30.0465, 32.3582, 34.9525



15.5007, 17.6790, 15.4278



7.0717, 7.6441, 8.2457



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.



15.3478, 17.5321, 18.4950



26.0876, 30.3837, 31.7716



15.4314, 17.1345, 20.2641



4.0498, 4.4895, 4.7962



8.8065, 15.2463, 10.2319



41.5925, 72.5600, 46.6193

Inverse Universe

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



15.3570, 14.7983, 16.5159



26.1072, 24.5995, 27.5849



15.2733, 15.1305, 14.9479



4.0513, 4.0363, 4.4680



8.9068, 4.5389, 2.8003



42.1162, 21.5028, 11.4081

Previews

White Background



This preview shows how the XYZ color 15.3473, 17.5314, 18.4946 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 15.3473, 17.5314, 18.4946 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

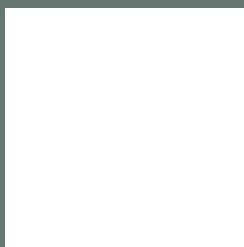
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3473, 17.5314, 18.4946

Background



This preview shows how black text looks on a background with the XYZ color 15.3473, 17.5314, 18.4946.



This preview shows how white text looks on a background with the XYZ color 15.3473, 17.5314,

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

15.3473, 17.5314, 18.4946

Protanopia

16.7224, 17.5604, 17.5471

Deuteranopia

17.6990, 17.3613, 18.9412



Tritanopia

16.1349, 17.4924, 22.6046

Trichromacy



Original Color

15.3473, 17.5314, 18.4946

Protanomaly

16.0960, 17.4031, 17.8400

Deuteranomaly

16.6965, 17.3508, 18.6887

Tritanomaly

15.8186, 17.5418, 20.9645

Monochromacy



Original Color

15.3473, 17.5314, 18.4946

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7131, 17.0207, 18.3767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3473, 17.5314, 18.4946 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, 120, 114)` looks like.

```
.text, #text, p{  
    color:rgb(103, 120, 114)  
}
```

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, 120, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 120, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.3473, 17.5314, 18.4946 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, 120, 114) }
```


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

```
.border{ border-color:rgb(103, 120, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 120, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 120, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 120, 114);  
box-shadow:4px 4px 4px 4px rgb(103, 120,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3473, 17.5314, 18.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 120, 114) }
```

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

```
.background{ background-color: rgb(103,  
120, 114) }
```

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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