

Converting Colors

XYZ(14.7615, 15.5100, 10.6691)

Have a look what the booklet for
XYZ(14.7615, 15.5100, 10.6691)
contains.

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Color

**XYZ(14.8146, 15.5704,
10.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	786D54
RGB	120, 109, 84
RGB Percent	47%, 43%, 33%
CMY	0.5294, 0.5725, 0.6706
CMYK	0.00, 0.09, 0.30, 0.53
HSL	42°, 18%, 40%
HSV	42°, 30%, 47%
XYZ	14.8146, 15.5704, 10.6121
YIQ	109.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

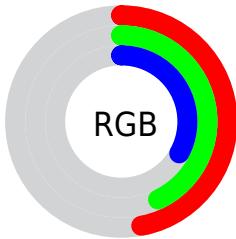
Format	Color
R_{YB}	100, 120, 84
Decimal	7892308
CIE _{Lab}	46.41, 0.09, 15.56
CIE _{LCh}	46, 15.556, 89.656
Yxy	15.5704, 0.3614, 0.3798
Android (android.graphics.Color)	4286082388 (0xFF786D54)
YUV	109.4390, -12.5414, 9.2620
Hunter-Lab	39.4593, -2.0379, 11.6762

Details

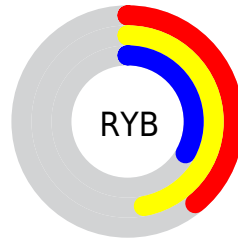
The XYZ color **14.8146, 15.5704, 10.6121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1385, 11.4251, 19.3876**, and the grayscale version is **14.6926, 15.4578, 16.8335**.

A 20% lighter version of the original color is **34.1075, 35.7471, 27.6565**, and **4.6874, 4.9313, 2.6242** is the 20% darker color. If you saturate the color by 10%, you get **14.0015, 14.6329, 8.2176**, and if you desaturate by 10%, it is **15.7254, 16.5741, 13.4369**.

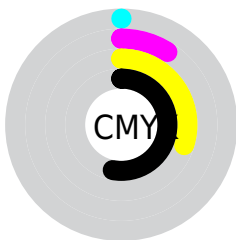
Distribution



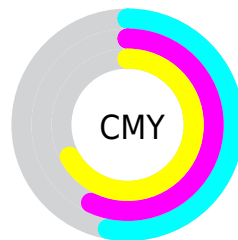
- Red (47%)
- Green (43%)
- Blue (33%)



- Red (39%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8146, 15.5704, 10.6121 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 14.8146, 15.5704, 10.6121 by changing the saturation by 10% instead.

■ 14.8146, 15.5704,
10.6121

■ 14.8146, 15.5704,
10.6121

215.6520,
226.7932, 205.6276

■ 8.7748, 9.2207,
5.6958

■ 34.1019, 35.8508,
27.5662

■ 4.6505, 4.8854,
2.5952

■ 48.0802, 50.5502,
40.4411

■ 2.0763, 2.1802,
0.8900

■ 65.4354, 68.8017,
56.8059

■ 0.6763, 0.7092,
0.0000

■ 86.5328, 90.9896,
77.0791

■ 0.0000, 0.0000,
0.0000

■ 111.7378,
117.4983, 101.6794

141.4158,

148.7122, 131.0252

175.9321,
185.0157, 165.5351

■ 14.8146, 15.5704,
10.6121

■ 14.8146, 15.5704,
10.6121

■ 14.0015, 14.6329,
8.2176

■ 15.7254, 16.5741,
13.4369

■ 13.2805, 13.7576,
6.2306

■ 16.7367, 17.6439,
16.7112

■ 12.6475, 12.9429,
4.6280

■ 17.8526, 18.7823,
20.4541

■ 12.0972, 12.1864,
3.3838

■ 19.0766, 19.9909,
24.6834

■ 11.6239, 11.4855,
2.4685

■ 20.4123, 21.2715,
29.4160

■ 11.2210, 10.8373,
1.8482

■ 21.8627, 22.6256,
34.6679

■ 10.8652, 10.2320,
1.4023

■ 23.4310, 24.0547,
40.4545

■ 10.8652, 10.2320,
1.4023

■ 25.1200, 25.5602,
46.7904

■ 26.9327, 27.1437,
53.6897

Harmonies

Analogous

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



16.1346, 15.5704, 11.3663



14.8146, 15.5704, 10.6121



13.5648, 15.5704, 11.3326

Triad

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



14.8146, 15.5704, 10.6121



12.6782, 15.5704, 20.8585



17.1275, 15.5704, 20.9463

Complementary

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



14.8146, 15.5704, 10.6121



11.1385, 11.4251, 19.3876

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.



16.1063, 15.5704, 24.1802



14.8146, 15.5704, 10.6121



13.5396, 15.5704, 24.1244

Square

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



14.8146, 15.5704, 10.6121



12.3773, 15.5704, 16.9095



14.7838, 15.5704, 25.4212



17.5181, 15.5704, 16.9977

Rectangle

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



14.8146, 15.5704, 10.6121



12.9272, 15.5704, 12.6248



14.7838, 15.5704, 25.4212



16.8437, 15.5704, 22.1734

Sweetspot

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



14.8150, 15.5711, 10.6124



29.5828, 31.1839, 29.8745



13.0000, 11.1674, 12.3926



6.9570, 7.3344, 6.9022



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.



14.8150, 15.5711, 10.6124



25.0542, 26.2390, 15.6873



15.1785, 17.6105, 10.9869



4.2093, 4.4371, 4.2591



11.8405, 11.1369, 1.5256



55.7022, 51.5678, 7.0178

Inverse Universe

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



11.1385, 11.4251, 19.3876



17.4904, 17.7121, 33.7500



10.8357, 9.9008, 19.1093



3.8883, 4.0748, 5.0248



4.3971, 2.8766, 19.7088



20.3044, 12.3815, 93.7895

Previews

White Background



This preview shows how the XYZ color 14.8146, 15.5704, 10.6121 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 14.8146, 15.5704, 10.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

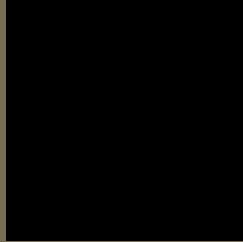
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8146, 15.5704, 10.6121

Background



This preview shows how black text looks on a background with the XYZ color 14.8146, 15.5704, 10.6121.



This preview shows how white text looks on a background with the XYZ color 14.8146, 15.5704,

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

14.8146, 15.5704, 10.6121

Protanopia

14.5123, 15.5739, 10.6287

Deuteranopia

15.8470, 15.6311, 10.7762



Tritanopia

16.2006, 15.5064, 17.7619

Trichromacy



Original Color

14.8146, 15.5704, 10.6121

Protanomaly

14.6474, 15.6435, 10.6350

Deuteranomaly

15.5016, 15.6069, 10.7897

Tritanomaly

15.5783, 15.4050, 14.7228

Monochromacy



Original Color

14.8146, 15.5704, 10.6121

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5789, 15.3681, 14.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8146, 15.5704, 10.6121 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(120, 109, 84)` looks like.

```
.text, #text, p{  
    color:rgb(120, 109, 84)  
}
```

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(120, 109, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 109, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.8146, 15.5704, 10.6121 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(120, 109, 84) }
```


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

```
.border{ border-color:rgb(120, 109, 84) }
```

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

Here you see how a box with a 4 pixel rgb(120, 109, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 109, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 109, 84);  
box-shadow:4px 4px 4px 4px rgb(120, 109,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8146, 15.5704, 10.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 109, 84) }
```

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

```
.background{ background-color: rgb(120,  
109, 84) }
```

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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