

Converting Colors

XYZ(14.8288, 15.5133, 13.5221)

Have a look what the booklet for
XYZ(14.8288, 15.5133, 13.5221)
contains.

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Color

**XYZ(14.8288, 15.5133,
13.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	746D61
RGB	116, 109, 97
RGB Percent	45%, 43%, 38%
CMY	0.5451, 0.5725, 0.6196
CMYK	0.00, 0.06, 0.16, 0.55
HSL	38°, 9%, 42%
HSV	38°, 16%, 45%
XYZ	14.8288, 15.5133, 13.5221
YIQ	109.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

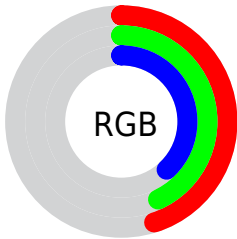
Format	Color
R_{YB}	108, 116, 97
Decimal	7630177
CIE Lab	46.33, 0.51, 7.68
CIE LCh	46, 7.698, 86.213
Yxy	15.5133, 0.3381, 0.3537
Android (android.graphics.Color)	4285820257 (0xFF746D61)
YUV	109.7250, -6.2734, 5.5032
Hunter-Lab	39.3869, -1.7236, 7.2157

Details

The XYZ color **14.8288, 15.5133, 13.5221** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0326, 13.7029, 18.4813**, and the grayscale version is **14.7583, 15.5269, 16.9088**.

A 20% lighter version of the original color is **34.0646, 35.6046, 33.0939**, and **4.7041, 4.9132, 3.8324** is the 20% darker color. If you saturate the color by 10%, you get **13.8824, 14.4235, 10.7304**, and if you desaturate by 10%, it is **15.8774, 16.6804, 16.7385**.

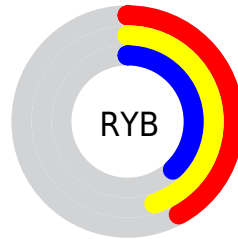
Distribution



Red (45%)

Green (43%)

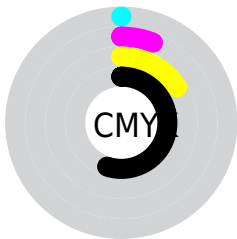
Blue (38%)



Red (42%)

Yellow (45%)

Blue (38%)

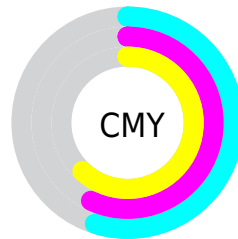


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (55%)



Cyan (55%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8288, 15.5133, 13.5221 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 14.8288, 15.5133, 13.5221 by changing the saturation by 10% instead.

■ 14.8288, 15.5133,
13.5221

■ 14.8288, 15.5133,
13.5221

215.7366,
226.4524, 225.5613

■ 8.7849, 9.1804,
7.6541

■ 34.1267, 35.7512,
32.9435

■ 4.6571, 4.8591,
3.7898

■ 48.1113, 50.4250,
47.3339

■ 2.0802, 2.1648,
1.5108

■ 65.4736, 68.6478,
65.4022

■ 0.6784, 0.7007,
0.2259

■ 86.5789, 90.8042,
87.5670

■ 0.0000, 0.0000,
0.0000

111.7924,
117.2785, 114.2468

141.4797,

148.4550, 145.8600

176.0060,
184.7182, 182.8253

■ 14.8288, 15.5133,
13.5221

■ 14.8288, 15.5133,
13.5221

■ 13.8824, 14.4235,
10.7304

■ 15.8774, 16.6804,
16.7385

■ 13.0331, 13.4071,
8.3444

■ 17.0303, 17.9247,
20.3956

■ 12.2773, 12.4625,
6.3448

■ 18.2914, 19.2487,
24.5099

■ 11.6109, 11.5876,
4.7107

■ 19.6638, 20.6541,
29.0966

■ 11.0290, 10.7799,
3.4189

■ 21.1505, 22.1426,
34.1702

■ 10.5264, 10.0368,
2.4439

■ 22.7545, 23.7157,
39.7447

■ 10.0974, 9.3553,
1.7560

■ 24.4786, 25.3752,
45.8335

■ 9.7295, 8.7301,
1.2929

■ 26.3254, 27.1225,
52.4494

■ 9.6031, 8.5142,
1.1373

■ 28.2975, 28.9590,
59.6047

Harmonies

Analogous

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



15.4611, 15.5133, 14.0506



14.8288, 15.5133, 13.5221



14.1921, 15.5133, 13.8396

Triad

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



14.8288, 15.5133, 13.5221



13.6368, 15.5133, 18.5460



15.8236, 15.5133, 18.9914

Complementary

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



14.8288, 15.5133, 13.5221



13.0326, 13.7029, 18.4813

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.



15.3119, 15.5133, 20.3617



14.8288, 15.5133, 13.5221



14.0513, 15.5133, 20.0913

Square

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



14.8288, 15.5133, 13.5221



13.5161, 15.5133, 16.6527



14.6614, 15.5133, 20.7784



16.0461, 15.5133, 17.1322

Rectangle

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



14.8288, 15.5133, 13.5221



13.8487, 15.5133, 14.5020



14.6614, 15.5133, 20.7784



15.6790, 15.5133, 19.5297

Sweetspot

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



14.8292, 15.5140, 13.5224



28.1527, 29.5871, 30.1849



13.9905, 13.2679, 14.9961



6.6903, 7.0301, 7.1198



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.8292, 15.5140, 13.5224



25.3585, 26.4633, 21.6554



15.3146, 16.9170, 13.7677



3.8586, 4.0503, 3.9207



10.7588, 9.5189, 1.2703



51.5903, 44.7091, 5.9106

Inverse Universe

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



13.0326, 13.7029, 18.4813



21.5131, 22.5873, 32.2704



12.5966, 12.4755, 18.2674



3.6009, 3.7904, 4.6321



4.4793, 3.2983, 18.9431



21.0709, 14.5583, 92.0598

Previews

White Background



This preview shows how the XYZ color 14.8288, 15.5133, 13.5221 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 14.8288, 15.5133, 13.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

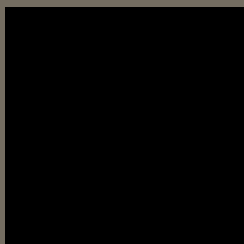
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

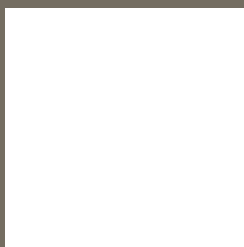
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8288, 15.5133, 13.5221

Background



This preview shows how black text looks on a background with the XYZ color 14.8288, 15.5133, 13.5221.



This preview shows how white text looks on a background with the XYZ color 14.8288, 15.5133,

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

14.8288, 15.5133, 13.5221

Protanopia

14.6965, 15.4452, 13.5159

Deuteranopia

15.8161, 15.5499, 13.7231



Tritanopia

15.7198, 15.3974, 18.3631

Trichromacy



Original Color

14.8288, 15.5133, 13.5221

Protanomaly

14.6965, 15.4452, 13.5159

Deuteranomaly

15.4883, 15.5348, 13.7375

Tritanomaly

15.3006, 15.3800, 16.3496

Monochromacy



Original Color

14.8288, 15.5133, 13.5221

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8078, 15.6165, 15.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8288, 15.5133, 13.5221 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(116, 109, 97)` looks like.

```
.text, #text, p{  
    color:rgb(116, 109, 97)  
}
```

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(116, 109, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 109, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.8288, 15.5133, 13.5221 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(116, 109, 97) }
```


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

```
.border{ border-color:rgb(116, 109, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 109, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 109, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 109, 97);  
box-shadow:4px 4px 4px 4px rgb(116, 109,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8288, 15.5133, 13.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 109, 97) }
```

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

```
.background{ background-color: rgb(116,  
109, 97) }
```

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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