

Converting Colors

XYZ(14.6034, 13.3908, 14.3196)

Have a look what the booklet for
XYZ(14.6034, 13.3908, 14.3196)
contains.

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Color

**XYZ(14.5165, 13.2813,
14.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5F66
RGB	122, 95, 102
RGB Percent	48%, 37%, 40%
CMY	0.5216, 0.6274, 0.6000
CMYK	0.00, 0.22, 0.16, 0.52
HSL	344°, 12%, 43%
HSV	344°, 22%, 48%
XYZ	14.5165, 13.2813, 14.3688
YIQ	103.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

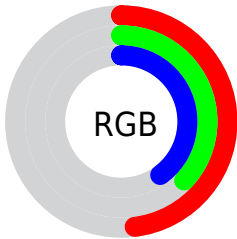
Format	Color
R_{YB}	122, 95, 102
Decimal	8019814
CIE Lab	43.18, 12.16, 0.22
CIE LCh	43, 12.165, 1.025
Yxy	13.2813, 0.3443, 0.3150
Android (android.graphics.Color)	4286209894 (0xFF7A5F66)
YUV	103.8710, -0.9224, 15.8991
Hunter-Lab	36.4435, 7.3255, 2.1338

Details

The XYZ color **14.5165, 13.2813, 14.3688** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7739, 17.5901, 18.8370**, and the grayscale version is **13.1237, 13.8072, 15.0360**.

A 20% lighter version of the original color is **33.7078, 31.9716, 34.5315**, and **4.5356, 3.8889, 4.1260** is the 20% darker color. If you saturate the color by 10%, you get **13.0784, 11.0837, 11.7973**, and if you desaturate by 10%, it is **16.1763, 15.8439, 17.2556**.

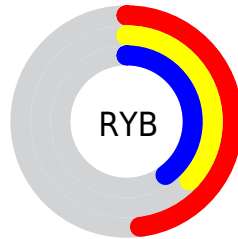
Distribution



Red (48%)

Green (37%)

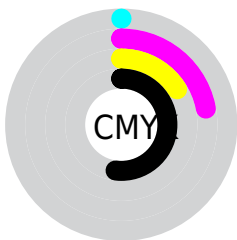
Blue (40%)



Red (48%)

Yellow (37%)

Blue (40%)

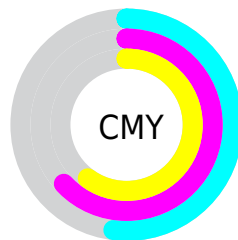


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5165, 13.2813, 14.3688 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 14.5165, 13.2813, 14.3688 by changing the saturation by 10% instead.

■ 14.5165, 13.2813,
14.3688

■ 14.5165, 13.2813,
14.3688

213.8677,
212.7127, 231.0209

■ 8.5649, 7.6225,
8.2359

■ 33.5814, 31.8082,
34.4685

■ 4.5133, 3.8544,
4.1564

■ 47.4253, 45.4452,
49.2724

■ 1.9964, 1.5924,
1.7115

■ 64.6308, 62.5103,
67.8037

■ 0.6320, 0.3525,
0.3686

■ 85.5631, 83.3881,
90.4811

■ 0.0000, 0.0000,
0.0000

110.5875,
108.4628, 117.7229

140.0696,

138.1189, 149.9478

174.3745,
172.7407, 187.5743

■ 14.5165, 13.2813,
14.3688

■ 14.5165, 13.2813,
14.3688

■ 13.0784, 11.0837,
11.7973

■ 16.1763, 15.8439,
17.2556

■ 11.8514, 9.2327,
9.5295

■ 18.0658, 18.7853,
20.4674

■ 10.8257, 7.7110,
7.5542

■ 20.1937, 22.1207,
24.0141

■ 9.9899, 6.4991,
5.8589

■ 22.5680, 25.8639,
27.9053

■ 9.3320, 5.5753,
4.4306

■ 25.1965, 30.0282,
32.1500

■ 8.8381, 4.9154,
3.2548

■ 28.0863, 34.6260,
36.7569

■ 8.4921, 4.4908,
2.3158

■ 31.2446, 39.6695,
41.7344

■ 8.2817, 4.2398,
1.7216

■ 34.6781, 45.1702,
47.0907

■ 38.3932, 51.1394,
52.8336

Harmonies

Analogous

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



14.2701, 13.2813, 17.1140



14.5165, 13.2813, 14.3688



14.2351, 13.2813, 11.9559

Triad

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



14.5165, 13.2813, 14.3688



11.7154, 13.2813, 10.4664



11.7687, 13.2813, 19.4738

Complementary

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



14.5165, 13.2813, 14.3688



14.7739, 17.5901, 18.8370

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.



11.1383, 13.2813, 17.2938



14.5165, 13.2813, 14.3688



11.1087, 13.2813, 12.0976

Square

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



14.5165, 13.2813, 14.3688



12.5912, 13.2813, 9.8819



10.9026, 13.2813, 14.5537



12.6558, 13.2813, 20.2729

Rectangle

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



14.5165, 13.2813, 14.3688



13.7937, 13.2813, 10.8015



10.9026, 13.2813, 14.5537



11.5213, 13.2813, 18.8659

Sweetspot

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



14.5169, 13.2819, 14.3691



30.0562, 30.3558, 33.0877



14.6495, 13.2215, 20.1923



6.8416, 6.8929, 7.5131



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.



14.5169, 13.2819, 14.3691



24.0949, 21.1538, 22.7136



14.7749, 14.3301, 12.8145



4.0370, 4.0305, 4.3926



8.7161, 4.4626, 1.7962



41.2748, 21.1663, 6.9772

Inverse Universe

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



14.5169, 13.2819, 14.3691



24.0949, 21.1538, 22.7136



14.4435, 16.2602, 20.7897



4.0370, 4.0305, 4.3926



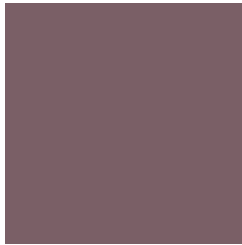
8.7161, 4.4626, 1.7962



41.2748, 21.1663, 6.9772

Previews

White Background



This preview shows how the XYZ color 14.5165, 13.2813, 14.3688 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 14.5165, 13.2813, 14.3688 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 14.5165, 13.2813, 14.3688

Background



This preview shows how black text looks on a background with the XYZ color 14.5165, 13.2813, 14.3688.



This preview shows how white text looks on a background with the XYZ color 14.5165, 13.2813,

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

14.5165, 13.2813, 14.3688

Protanopia

12.9464, 13.4269, 15.5450

Deuteranopia

13.4929, 13.3080, 14.1695



Tritanopia

14.5165, 13.2813, 14.3688

Trichromacy



Original Color

14.5165, 13.2813, 14.3688

Protanomaly

13.4420, 13.2586, 15.2153

Deuteranomaly

13.9191, 13.3880, 14.1624

Tritanomaly

14.5165, 13.2813, 14.3688

Monochromacy



Original Color

14.5165, 13.2813, 14.3688

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6574, 13.6661, 14.7500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5165, 13.2813, 14.3688 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(122, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 102)  
}
```

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(122, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.5165, 13.2813, 14.3688 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(122, 95, 102) }
```


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

```
.border{ border-color:rgb(122, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5165, 13.2813, 14.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 102) }
```

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

```
.background{ background-color: rgb(122, 95,  
102) }
```

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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