

Converting Colors

XYZ(14.6346, 13.5236, 18.4846)

Have a look what the booklet for
XYZ(14.6346, 13.5236, 18.4846)
contains.

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Color

**XYZ(14.6295, 13.5233,
18.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	746174
RGB	116, 97, 116
RGB Percent	45%, 38%, 45%
CMY	0.5451, 0.6196, 0.5451
CMYK	0.00, 0.16, 0.00, 0.55
HSL	300°, 9%, 42%
HSV	300°, 16%, 45%
XYZ	14.6295, 13.5233, 18.3622
YIQ	104.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

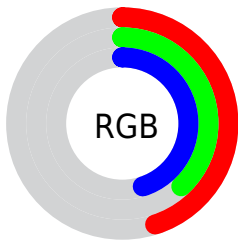
Format	Color
R_{YB}	116, 97, 116
Decimal	7627124
CIE Lab	43.54, 11.31, -7.84
CIE LCh	44, 13.765, 325.282
Yxy	13.5233, 0.3145, 0.2907
Android (android.graphics.Color)	4285817204 (0xFF746174)
YUV	104.8470, 5.4984, 9.7812
Hunter-Lab	36.7740, 6.6566, -3.8632

Details

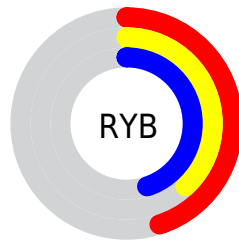
The XYZ color **14.6295, 13.5233, 18.3622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3333, 15.8956, 13.6753**, and the grayscale version is **13.3708, 14.0671, 15.3191**.

A 20% lighter version of the original color is **33.8062, 32.3318, 41.5047**, and **4.6111, 4.0140, 6.0006** is the 20% darker color. If you saturate the color by 10%, you get **13.6352, 11.5346, 18.0309**, and if you desaturate by 10%, it is **15.7813, 15.8267, 18.7463**.

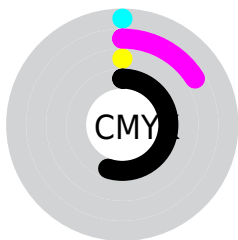
Distribution



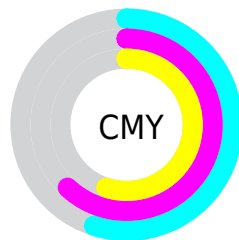
- Red (45%)
- Green (38%)
- Blue (45%)



- Red (45%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6295, 13.5233, 18.3622 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 14.6295, 13.5233, 18.3622 by changing the saturation by 10% instead.

■ 14.6295, 13.5233,
18.3622

■ 14.6295, 13.5233,
18.3622

214.5457,
214.2447, 255.2091

■ 8.6444, 7.7899,
11.0382

■ 33.7789, 32.2408,
41.4758

■ 4.5652, 3.9608,
5.9781

■ 47.6739, 45.9936,
58.1025

■ 2.0266, 1.6517,
2.7632

■ 64.9363, 63.1883,
78.6671

■ 0.6488, 0.3921,
0.9750

■ 85.9313, 84.2094,
103.5883

■ 0.0000, 0.0000,
0.0000

111.0245,
109.4412, 133.2846

140.5810,

139.2681, 168.1744

174.9663,
174.0745, 208.6764

■ 14.6295, 13.5233,
18.3622

■ 14.6295, 13.5233,
18.3622

■ 13.6352, 11.5346,
18.0309

■ 15.7813, 15.8267,
18.7463

■ 12.7906, 9.8452,
17.7494

■ 17.0959, 18.4558,
19.1845

■ 12.0886, 8.4413,
17.5154

■ 18.5795, 21.4231,
19.6790

■ 11.5215, 7.3071,
17.3264

■ 20.2380, 24.7401,
20.2319

■ 11.0806, 6.4252,
17.1794

■ 22.0768, 28.4177,
20.8448

■ 10.7562, 5.7764,
17.0713

■ 24.1011, 32.4662,
21.5195

■ 10.5373, 5.3388,
16.9983

■ 26.3158, 36.8957,
22.2578

■ 10.4006, 5.0652,
16.9527

■ 28.7258, 41.7157,
23.0611

■ 10.3550, 4.9740,
16.9375

■ 31.3357, 46.9356,
23.9311

Harmonies

Analogous

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



13.7571, 13.5233, 20.7559



14.6295, 13.5233, 18.3622



15.0268, 13.5233, 15.2172

Triad

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



14.6295, 13.5233, 18.3622



13.0244, 13.5233, 9.5752



11.0726, 13.5233, 17.4018

Complementary

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



14.6295, 13.5233, 18.3622



13.3333, 15.8956, 13.6753

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.



10.9005, 13.5233, 14.2427



14.6295, 13.5233, 18.3622



11.9903, 13.5233, 9.9919

Square

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



14.6295, 13.5233, 18.3622



14.0677, 13.5233, 10.3729



11.2274, 13.5233, 11.6022



11.7112, 13.5233, 20.1494

Rectangle

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



14.6295, 13.5233, 18.3622



14.9535, 13.5233, 13.2180



11.2274, 13.5233, 11.6022



10.9599, 13.5233, 16.3415

Sweetspot

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



14.6299, 13.5239, 18.3625



28.0136, 28.3665, 33.0433



12.3867, 12.4110, 18.2659



6.6539, 6.7089, 7.8732



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.



14.6299, 13.5239, 18.3625



24.9618, 22.2630, 32.0261



14.1218, 13.3206, 15.6867



3.8266, 3.7579, 4.6139



11.6205, 5.5819, 19.0075



56.6280, 27.2013, 92.6260

Inverse Universe

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



13.6353, 13.1260, 13.1248



22.8326, 21.4113, 20.8135



13.7867, 16.0769, 16.0627



3.6839, 3.7009, 3.8625



8.0828, 4.1668, 0.3783



39.3885, 20.3055, 1.8434

Previews

White Background



This preview shows how the XYZ color 14.6295, 13.5233, 18.3622 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 14.6295, 13.5233, 18.3622 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 14.6295, 13.5233, 18.3622

Background



This preview shows how black text looks on a background with the XYZ color 14.6295, 13.5233, 18.3622.



This preview shows how white text looks on a background with the XYZ color 14.6295, 13.5233,

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

14.6295, 13.5233, 18.3622

Protanopia

13.3367, 13.5440, 19.3641

Deuteranopia

13.7151, 13.4779, 18.0983



Tritanopia

14.1336, 13.6091, 15.5176

Trichromacy



Original Color

14.6295, 13.5233, 18.3622

Protanomaly

13.7710, 13.4865, 19.0169

Deuteranomaly

13.9868, 13.4765, 18.0837

Tritanomaly

14.2524, 13.5060, 16.6076

Monochromacy



Original Color

14.6295, 13.5233, 18.3622

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8184, 13.8581, 16.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6295, 13.5233, 18.3622 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, 97, 116)` looks like.

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

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, 97, 116) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 14.6295, 13.5233, 18.3622 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, 97, 116) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 14.6295, 13.5233, 18.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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