

Converting Colors

XYZ(14.1281, 14.8040, 14.5068)

Have a look what the booklet for
XYZ(14.1281, 14.8040, 14.5068)
contains.

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Color

**XYZ(14.1622, 14.8345,
14.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6B65
RGB	111, 107, 101
RGB Percent	44%, 42%, 40%
CMY	0.5647, 0.5804, 0.6039
CMYK	0.00, 0.04, 0.09, 0.56
HSL	36°, 5%, 42%
HSV	36°, 9%, 44%
XYZ	14.1622, 14.8345, 14.4288
YIQ	107.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

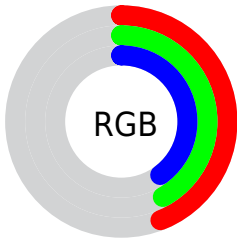
Format	Color
R_{YB}	108, 111, 101
Decimal	7301989
CIE Lab	45.41, 0.39, 3.91
CIE LCh	45, 3.927, 84.298
Yxy	14.8345, 0.3261, 0.3416
Android (android.graphics.Color)	4285492069 (0xFF6F6B65)
YUV	107.5120, -3.2104, 3.0590
Hunter-Lab	38.5156, -1.7677, 4.7495

Details

The XYZ color **14.1622, 14.8345, 14.4288** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2876, 14.0172, 17.0443**, and the grayscale version is **14.1256, 14.8612, 16.1839**.

A 20% lighter version of the original color is **32.9986, 34.5072, 34.6271**, and **4.3316, 4.5548, 4.1409** is the 20% darker color. If you saturate the color by 10%, you get **13.2040, 13.7303, 11.6050**, and if you desaturate by 10%, it is **15.2185, 16.0168, 17.6481**.

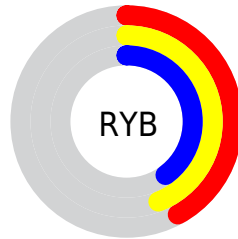
Distribution



Red (44%)

Green (42%)

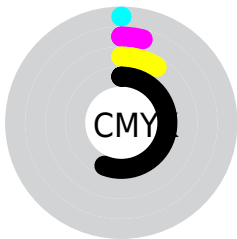
Blue (40%)



Red (42%)

Yellow (44%)

Blue (40%)

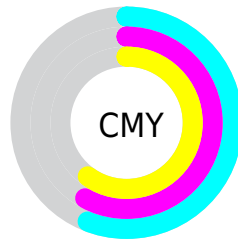


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1622, 14.8345, 14.4288 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 14.1622, 14.8345, 14.4288 by changing the saturation by 10% instead.

■ 14.1622, 14.8345,
14.4288

■ 14.1622, 14.8345,
14.4288

211.7280,
222.3623, 231.4028

■ 8.3160, 8.7033,
8.2774

■ 32.9604, 34.5626,
34.5760

■ 4.3513, 4.5482,
4.1826

■ 46.6432, 48.9283,
49.4088

■ 1.9027, 1.9847,
1.7261

■ 63.6688, 66.8076,
67.9725

■ 0.5784, 0.5986,
0.3785

■ 84.4027, 88.5849,
90.6855

■ 0.0000, 0.0000,
0.0000

109.2102,
114.6447, 117.9666

138.4567,

145.3712, 150.2341

172.5075,
181.1490, 187.9067

■ 14.1622, 14.8345,
14.4288

■ 14.1622, 14.8345,
14.4288

■ 13.2040, 13.7303,
11.6050

■ 15.2185, 16.0168,
17.6481

■ 12.3393, 12.7005,
9.1602

■ 16.3746, 17.2772,
21.2767

■ 11.5651, 11.7438,
7.0783

■ 17.6341, 18.6180,
25.3286

■ 10.8777, 10.8580,
5.3413

■ 18.9997, 20.0409,
29.8173

■ 10.2730, 10.0410,
3.9301

■ 20.4741, 21.5474,
34.7553

■ 9.7466, 9.2903,
2.8233

■ 22.0600, 23.1391,
40.1548

■ 9.2937, 8.6034,
1.9973

■ 23.7598, 24.8176,
46.0275

■ 8.9086, 7.9775,
1.4246

■ 25.5760, 26.5842,
52.3846

■ 8.5728, 7.4042,
1.0089

■ 27.5108, 28.4404,
59.2370

Harmonies

Analogous

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



14.4692, 14.8345, 14.7361



14.1622, 14.8345, 14.4288



13.8431, 14.8345, 14.5687

Triad

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



14.1622, 14.8345, 14.4288



13.5354, 14.8345, 16.9033



14.6156, 14.8345, 17.2241

Complementary

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



14.1622, 14.8345, 14.4288



13.2876, 14.0172, 17.0443

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.



14.3596, 14.8345, 17.8466



14.1622, 14.8345, 14.4288



13.7366, 14.8345, 17.6564

Square

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



14.1622, 14.8345, 14.4288



13.4844, 14.8345, 15.9743



14.0375, 14.8345, 18.0077



14.7336, 14.8345, 16.3315

Rectangle

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



14.1622, 14.8345, 14.4288



13.6659, 14.8345, 14.8996



14.0375, 14.8345, 18.0077



14.5427, 14.8345, 17.4733

Sweetspot

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



14.1626, 14.8351, 14.4291



26.4596, 27.8020, 29.1670



13.7592, 13.7070, 15.2853



6.3246, 6.6433, 6.9088



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.1626, 14.8351, 14.4291



24.9520, 26.0994, 24.6177



14.4640, 15.6236, 14.5654



3.5354, 3.7033, 3.6018



10.0384, 8.6092, 1.1327



49.1450, 41.1652, 5.3555

Inverse Universe

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



13.2876, 14.0172, 17.0443



23.0156, 24.2895, 30.4051



13.0026, 13.2800, 16.9171



3.3169, 3.4990, 4.2548



4.4344, 3.4591, 18.1556



21.2931, 15.6381, 90.1753

Previews

White Background



This preview shows how the XYZ color 14.1622, 14.8345, 14.4288 looks on a white background.

Color Contrast Check

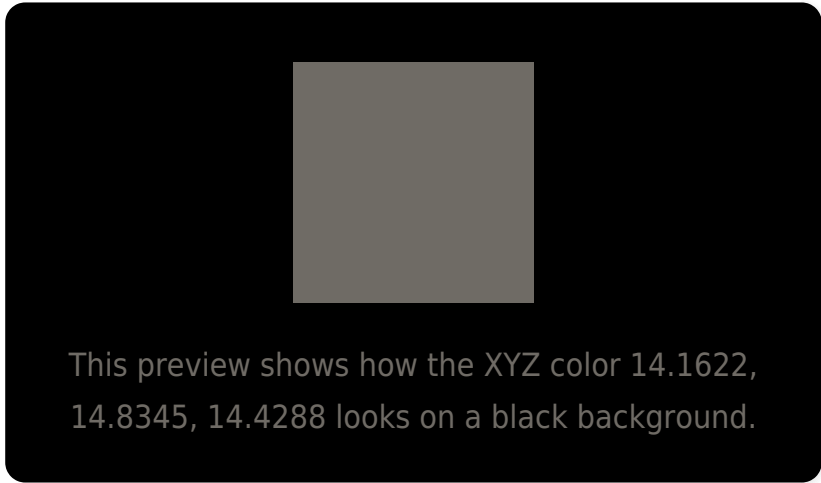
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

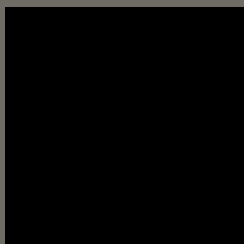
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

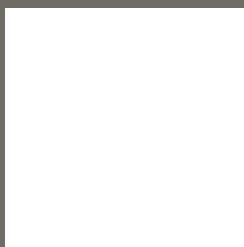
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1622, 14.8345, 14.4288

Background



This preview shows how black text looks on a background with the XYZ color 14.1622, 14.8345, 14.4288.

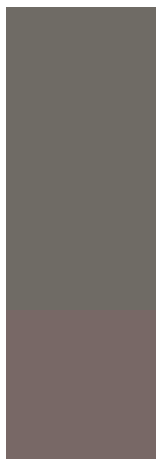


This preview shows how white text looks on a background with the XYZ color 14.1622, 14.8345,

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

14.1622, 14.8345, 14.4288

Protanopia

14.1622, 14.8345, 14.4288

Deuteranopia

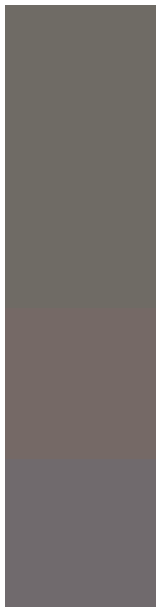
15.0943, 14.8530, 14.6417



Tritanopia

14.8423, 14.8061, 17.6984

Trichromacy



Original Color

14.1622, 14.8345, 14.4288

Protanomaly

14.1622, 14.8345, 14.4288

Deuteranomaly

14.7860, 14.8444, 14.6563

Tritanomaly

14.5964, 14.8569, 16.5664

Monochromacy



Original Color

14.1622, 14.8345, 14.4288

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2190, 14.9963, 15.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1622, 14.8345, 14.4288 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(111, 107, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 107, 101)  
}
```

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(111, 107, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 107, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.1622, 14.8345, 14.4288 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(111, 107, 101) }
```


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

```
.border{ border-color:rgb(111, 107, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 107, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 107, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 107, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 107,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1622, 14.8345, 14.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 107, 101) }
```

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

```
.background{ background-color: rgb(111,  
107, 101) }
```

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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