

Converting Colors

XYZ(14.4145, 14.6048, 15.5690)

Have a look what the booklet for
XYZ(14.4145, 14.6048, 15.5690)
contains.

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Color

**XYZ(14.4631, 14.6545,
15.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	71696A
RGB	113, 105, 106
RGB Percent	44%, 41%, 42%
CMY	0.5569, 0.5882, 0.5843
CMYK	0.00, 0.07, 0.06, 0.56
HSL	353°, 4%, 43%
HSV	353°, 7%, 44%
XYZ	14.4631, 14.6545, 15.7020
YIQ	107.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

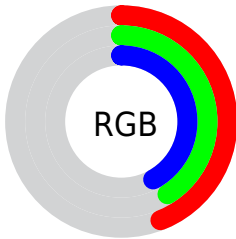
Format	Color
R_{YB}	113, 105, 106
Decimal	7432554
CIE Lab	45.16, 3.33, 0.56
CIE LCh	45, 3.377, 9.599
Yxy	14.6545, 0.3227, 0.3270
Android (android.graphics.Color)	4285622634 (0xFF71696A)
YUV	107.5060, -0.7425, 4.8182
Hunter-Lab	38.2812, 0.4474, 2.4775

Details

The XYZ color **14.4631, 14.6545, 15.7020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6560, 15.9836, 17.6426**, and the grayscale version is **14.1172, 14.8524, 16.1743**.

A 20% lighter version of the original color is **33.4913, 34.2106, 36.7364**, and **4.4824, 4.4657, 4.7634** is the 20% darker color. If you saturate the color by 10%, you get **12.9028, 12.3100, 12.7891**, and if you desaturate by 10%, it is **16.2365, 17.3299, 18.9791**.

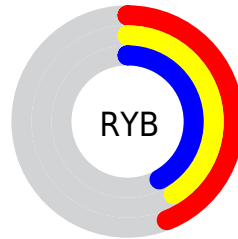
Distribution



Red (44%)

Green (41%)

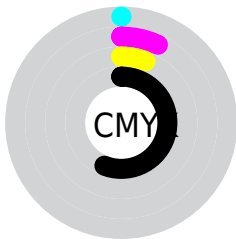
Blue (42%)



Red (44%)

Yellow (41%)

Blue (42%)

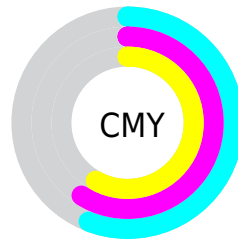


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4631, 14.6545, 15.7020 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 14.4631, 14.6545, 15.7020 by changing the saturation by 10% instead.

■ 14.4631, 14.6545,
15.7020

■ 14.4631, 14.6545,
15.7020

213.5465,
221.2654, 239.3622

■ 8.5273, 8.5773,
9.1615

■ 33.4879, 34.2459,
36.8396

■ 4.4888, 4.4665,
4.7484

■ 47.3077, 48.5289,
52.2738

■ 1.9822, 1.9378,
2.0443

■ 64.4862, 66.3159,
71.5097

■ 0.6239, 0.5709,
0.5823

■ 85.3887, 87.9914,
94.9657

■ 0.0000, 0.0000,
0.0000

110.3807,
113.9396, 123.0604

139.8274,

144.5451, 156.2123

174.0942,
180.1922, 194.8401

■ 14.4631, 14.6545,
15.7020

■ 14.4631, 14.6545,
15.7020

■ 12.9028, 12.3100,
12.7891

■ 16.2365, 17.3299,
18.9791

■ 11.5464, 10.2817,
10.2267

■ 18.2294, 20.3465,
22.6313

■ 10.3859, 8.5567,
8.0020

■ 20.4493, 23.7162,
26.6703

■ 9.4120, 7.1204,
6.1008

■ 22.9031, 27.4500,
31.1071

■ 8.6150, 5.9569,
4.5080

■ 25.5975, 31.5585,
35.9521

■ 7.9842, 5.0490,
3.2072

■ 28.5387, 36.0515,
41.2155

■ 7.5076, 4.3773,
2.1805

■ 31.7327, 40.9389,
46.9069

■ 7.1717, 3.9198,
1.4082

■ 35.1856, 46.2298,
53.0359

■ 6.9470, 3.6229,
0.8630

■ 38.9029, 51.9334,
59.6114

Harmonies

Analogous

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



14.4364, 14.6545, 16.4966



14.4631, 14.6545, 15.7020



14.3452, 14.6545, 14.9990

Triad

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



14.4631, 14.6545, 15.7020



13.5903, 14.6545, 14.8040



13.7429, 14.6545, 17.4366

Complementary

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



14.4631, 14.6545, 15.7020



14.6560, 15.9836, 17.6426

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.



13.5203, 14.6545, 16.9534



14.4631, 14.6545, 15.7020



13.4330, 14.6545, 15.4279

Square

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



14.4631, 14.6545, 15.7020



13.8396, 14.6545, 14.4921



13.4076, 14.6545, 16.2132



14.0181, 14.6545, 17.5159

Rectangle

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



14.4631, 14.6545, 15.7020



14.2013, 14.6545, 14.6703



13.4076, 14.6545, 16.2132



13.6596, 14.6545, 17.3152

Sweetspot

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



14.4635, 14.6551, 15.7023



27.4461, 28.5736, 30.9827



14.7062, 14.7365, 17.6921



6.3593, 6.6262, 7.1874



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.



14.4635, 14.6551, 15.7023



25.5629, 25.7359, 27.4923



14.7158, 15.2422, 15.5319



3.3999, 3.4077, 3.6325



7.8108, 4.0167, 0.8138



38.7268, 19.9360, 3.0934

Inverse Universe

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



14.4635, 14.6551, 15.7023



25.5629, 25.7359, 27.4923



14.3900, 15.3622, 17.8295



3.3999, 3.4077, 3.6325



7.8108, 4.0167, 0.8138



38.7268, 19.9360, 3.0934

Previews

White Background



This preview shows how the XYZ color 14.4631, 14.6545, 15.7020 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 14.4631, 14.6545, 15.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

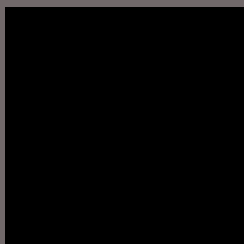
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4631, 14.6545, 15.7020

Background



This preview shows how black text looks on a background with the XYZ color 14.4631, 14.6545, 15.7020.



This preview shows how white text looks on a background with the XYZ color 14.4631, 14.6545,

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

14.4631, 14.6545, 15.7020

Protanopia

14.1146, 14.6208, 15.9881

Deuteranopia

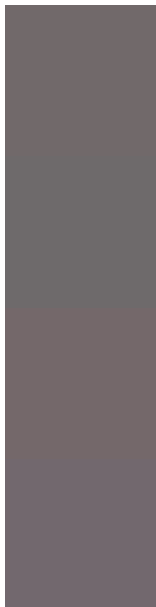
14.7879, 14.5230, 15.6595



Tritanopia

14.8144, 14.6479, 17.3758

Trichromacy



Original Color

14.4631, 14.6545, 15.7020

Protanomaly

14.2383, 14.6846, 15.9939

Deuteranomaly

14.7543, 14.6542, 15.6866

Tritanomaly

14.7042, 14.6038, 16.7957

Monochromacy



Original Color

14.4631, 14.6545, 15.7020

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3419, 14.8919, 16.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4631, 14.6545, 15.7020 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(113, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(113, 105, 106)  
}
```

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(113, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 105, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.4631, 14.6545, 15.7020 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(113, 105, 106) }
```


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

```
.border{ border-color:rgb(113, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(113, 105,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4631, 14.6545, 15.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 105, 106) }
```

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

```
.background{ background-color: rgb(113,  
105, 106) }
```

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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