

Converting Colors

XYZ(13.6699, 14.5752, 14.6642)

Have a look what the booklet for
XYZ(13.6699, 14.5752, 14.6642)
contains.

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Color

**XYZ(13.7194, 14.6005,
14.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6B66
RGB	107, 107, 102
RGB Percent	42%, 42%, 40%
CMY	0.5804, 0.5804, 0.6000
CMYK	0.00, 0.00, 0.05, 0.58
HSL	60°, 2%, 41%
HSV	60°, 5%, 42%
XYZ	13.7194, 14.6005, 14.6655
YIQ	106.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

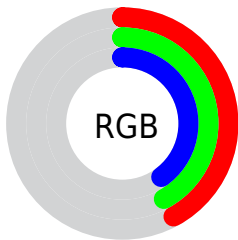
Format	Color
R_{YB}	102, 107, 102
Decimal	7039846
CIE Lab	45.08, -1.00, 2.79
CIE LCh	45, 2.968, 109.741
Yxy	14.6005, 0.3192, 0.3397
Android (android.graphics.Color)	4285229926 (0xFF6B6B66)
YUV	106.4300, -2.1840, 0.4999
Hunter-Lab	38.2106, -2.7787, 3.9915

Details

The XYZ color **13.7194, 14.6005, 14.6655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8853, 13.3895, 15.8160**, and the grayscale version is **13.8235, 14.5434, 15.8378**.

A 20% lighter version of the original color is **32.0772, 34.0227, 35.0134**, and **4.1689, 4.4682, 4.2572** is the 20% darker color. If you saturate the color by 10%, you get **13.2223, 14.4021, 12.0487**, and if you desaturate by 10%, it is **14.2858, 14.8276, 17.6438**.

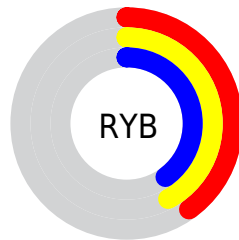
Distribution



Red (42%)

Green (42%)

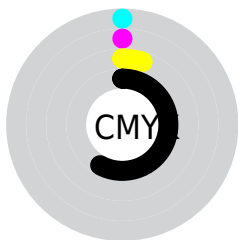
Blue (40%)



Red (40%)

Yellow (42%)

Blue (40%)

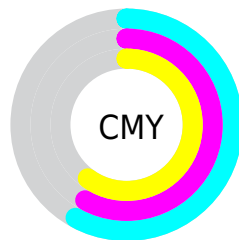


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7194, 14.6005, 14.6655 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 13.7194, 14.6005, 14.6655 by changing the saturation by 10% instead.

■ 13.7194, 14.6005,
14.6655

■ 13.7194, 14.6005,
14.6655

209.0239,
220.9352, 232.9032

■ 8.0062, 8.5395,
8.4410

■ 32.1808, 34.1508,
34.9993

■ 4.1507, 4.4421,
4.2866

■ 45.6596, 48.4089,
49.9455

■ 1.7878, 1.9238,
1.7838

■ 62.4576, 66.1681,
68.6362

■ 0.5103, 0.5626,
0.4173

■ 82.9403, 87.8129,
91.4897

■ 0.0000, 0.0000,
0.0000

107.4729,
113.7276, 118.9246

136.4208,

144.2966, 151.3594

170.1493,
179.9044, 189.2128

■ 13.7194, 14.6005,
14.6655

■ 13.7194, 14.6005,
14.6655

■ 13.2223, 14.4021,
12.0487

■ 14.2858, 14.8276,
17.6438

■ 12.7908, 14.2294,
9.7787

■ 14.9228, 15.0824,
20.9956

■ 12.4224, 14.0820,
7.8412

■ 15.6331, 15.3666,
24.7336

■ 12.1142, 13.9587,
6.2207

■ 16.4189, 15.6810,
28.8695

■ 11.8630, 13.8582,
4.9003

■ 17.2825, 16.0265,
33.4145

■ 11.6653, 13.7790,
3.8616

■ 18.2258, 16.4039,
38.3796

■ 11.5172, 13.7197,
3.0841

■ 19.2509, 16.8139,
43.7750

■ 11.4143, 13.6785,
2.5446

■ 20.3596, 17.2575,
49.6109

■ 11.3485, 13.6521,
2.2006

■ 21.5538, 17.7352,
55.8970

Harmonies

Analogous

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



13.9611, 14.6005, 14.6111



13.7194, 14.6005, 14.6655



13.5222, 14.6005, 15.0445

Triad

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



13.7194, 14.6005, 14.6655



13.5762, 14.6005, 16.9455



14.3443, 14.6005, 16.1381

Complementary

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



13.7194, 14.6005, 14.6655



12.8853, 13.3895, 15.8160

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.



14.2386, 14.6005, 16.7821



13.7194, 14.6005, 14.6655



13.7939, 14.6005, 17.2572

Square

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



13.7194, 14.6005, 14.6655



13.4402, 14.6005, 16.3558



14.0365, 14.6005, 17.1966



14.3238, 14.6005, 15.4477

Rectangle

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



13.7194, 14.6005, 14.6655



13.4416, 14.6005, 15.4365



14.0365, 14.6005, 17.1966



14.3223, 14.6005, 16.3675

Sweetspot

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



13.7198, 14.6011, 14.6658



24.9210, 26.2861, 28.1280



13.2135, 13.5882, 14.4970



6.0340, 6.3632, 6.8187



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.7198, 14.6011, 14.6658



24.4251, 26.0877, 25.5187



13.4236, 14.4485, 14.6520



3.3670, 3.5971, 3.5120



13.7671, 16.5924, 2.4770



70.1475, 84.5444, 12.6215

Inverse Universe

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



12.8853, 13.3895, 15.8160



22.4714, 23.2511, 28.2112



13.1728, 13.5377, 15.8294



3.0932, 3.1995, 3.8894



3.2291, 1.2917, 17.0014



16.4520, 6.5809, 86.6293

Previews

White Background



This preview shows how the XYZ color 13.7194, 14.6005, 14.6655 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 13.7194, 14.6005, 14.6655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

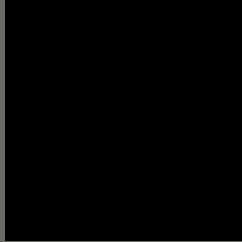
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

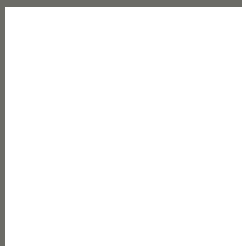
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7194, 14.6005, 14.6655

Background



This preview shows how black text looks on a background with the XYZ color 13.7194, 14.6005, 14.6655.



This preview shows how white text looks on a background with the XYZ color 13.7194, 14.6005,

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

13.7194, 14.6005, 14.6655

Protanopia

13.9827, 14.5824, 14.6481

Deuteranopia

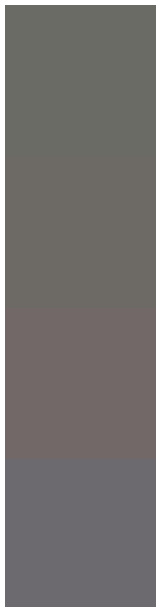
14.7696, 14.5313, 14.8583



Tritanopia

14.3955, 14.5693, 17.9730

Trichromacy



Original Color

13.7194, 14.6005, 14.6655

Protanomaly

13.8590, 14.5186, 14.6423

Deuteranomaly

14.3379, 14.4573, 14.8668

Tritanomaly

14.1528, 14.6220, 16.8282

Monochromacy



Original Color

13.7194, 14.6005, 14.6655

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6477, 14.3922, 15.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7194, 14.6005, 14.6655 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(107, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 107, 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(107, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 107, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.7194, 14.6005, 14.6655 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(107, 107, 102) }
```


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

```
.border{ border-color:rgb(107, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 107,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7194, 14.6005, 14.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 107, 102) }
```

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

```
.background{ background-color: rgb(107,  
107, 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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