

Converting Colors

XYZ(14.5155, 14.6754, 15.9775)

Have a look what the booklet for
XYZ(14.5155, 14.6754, 15.9775)
contains.

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Color

**XYZ(14.5155, 14.6754,
15.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	71696B
RGB	113, 105, 107
RGB Percent	44%, 41%, 42%
CMY	0.5569, 0.5882, 0.5804
CMYK	0.00, 0.07, 0.05, 0.56
HSL	345°, 4%, 43%
HSV	345°, 7%, 44%
XYZ	14.5155, 14.6754, 15.9775
YIQ	107.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

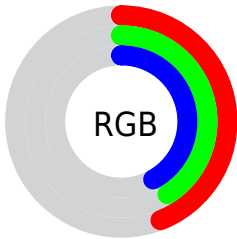
Format	Color
R_{YB}	113, 105, 107
Decimal	7432555
CIE Lab	45.19, 3.53, 0.00
CIE LCh	45, 3.526, 0.054
Yxy	14.6754, 0.3214, 0.3249
Android (android.graphics.Color)	4285622635 (0xFF71696B)
YUV	107.6200, -0.3057, 4.7183
Hunter-Lab	38.3085, 0.5957, 2.0876

Details

The XYZ color **14.5155, 14.6754, 15.9775** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6007, 15.9617, 17.3512**, and the grayscale version is **14.1479, 14.8847, 16.2095**.

A 20% lighter version of the original color is **33.5771, 34.2449, 37.1880**, and **4.5086, 4.4762, 4.9013** is the 20% darker color. If you saturate the color by 10%, you get **13.0159, 12.3552, 13.3841**, and if you desaturate by 10%, it is **16.2126, 17.3203, 18.8529**.

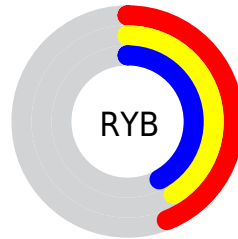
Distribution



Red (44%)

Green (41%)

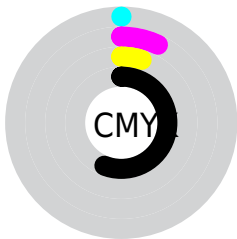
Blue (42%)



Red (44%)

Yellow (41%)

Blue (42%)

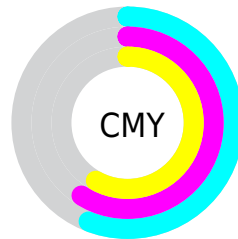


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5155, 14.6754, 15.9775 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 14.5155, 14.6754, 15.9775 by changing the saturation by 10% instead.

■ 14.5155, 14.6754,
15.9775

■ 14.5155, 14.6754,
15.9775

213.8617,
221.3930, 241.0501

■ 8.5642, 8.5919,
9.3540

■ 33.5796, 34.2827,
37.3254

■ 4.5128, 4.4760,
4.8729

■ 47.4231, 48.5753,
52.8869

■ 1.9962, 1.9432,
2.1154

■ 64.6281, 66.3731,
72.2649

■ 0.6318, 0.5742,
0.6249

■ 85.5598, 88.0604,
95.8778

■ 0.0000, 0.0000,
0.0000

110.5837,
114.0216, 124.1442

140.0650,

144.6412, 157.4827

174.3692,
180.3036, 196.3118

■ 14.5155, 14.6754,
15.9775

■ 14.5155, 14.6754,
15.9775

■ 13.0159, 12.3552,
13.3841

■ 16.2126, 17.3203,
18.8529

■ 11.7054, 10.3452,
11.0631

■ 18.1129, 20.2998,
22.0176

■ 10.5766, 8.6330,
9.0058

■ 20.2233, 23.6258,
25.4796

■ 9.6213, 7.2041,
7.2027

■ 22.5500, 27.3088,
29.2467

■ 8.8308, 6.0432,
5.6437

■ 25.0989, 31.3591,
33.3261

■ 8.1952, 5.1334,
4.3179

■ 27.8759, 35.7865,
37.7248

■ 7.7039, 4.4558,
3.2137

■ 30.8865, 40.6005,
42.4497

■ 7.3447, 3.9890,
2.3182

■ 34.1359, 45.8101,
47.5073

■ 7.0895, 3.6798,
1.6127

■ 37.6294, 51.4242,
52.9041

Harmonies

Analogous

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



14.4389, 14.6754, 16.7922



14.5155, 14.6754, 15.9775



14.4384, 14.6754, 15.1899

Triad

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



14.5155, 14.6754, 15.9775



13.6702, 14.6754, 14.6319



13.6711, 14.6754, 17.4080

Complementary

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



14.5155, 14.6754, 15.9775



14.6007, 15.9617, 17.3512

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.



13.4699, 14.6754, 16.7950



14.5155, 14.6754, 15.9775



13.4694, 14.6754, 15.1925

Square

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



14.5155, 14.6754, 15.9775



13.9480, 14.6754, 14.4297



13.3965, 14.6754, 15.9805



13.9491, 14.6754, 17.6354

Rectangle

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



14.5155, 14.6754, 15.9775



14.3108, 14.6754, 14.7819



13.3965, 14.6754, 15.9805



13.5924, 14.6754, 17.2391

Sweetspot

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



14.5159, 14.6760, 15.9778



27.4747, 28.5851, 31.1336



14.5883, 14.6756, 17.6869



6.3654, 6.6287, 7.2196



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.



14.5159, 14.6760, 15.9778



25.6703, 25.7788, 28.0580



14.6181, 15.0466, 15.4992



3.4155, 3.4139, 3.7149



7.9585, 4.0758, 1.5915



39.3451, 20.1833, 6.3493

Inverse Universe

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



14.5159, 14.6760, 15.9778



25.6703, 25.7788, 28.0580



14.4913, 15.5649, 17.8636



3.4155, 3.4139, 3.7149



7.9585, 4.0758, 1.5915



39.3451, 20.1833, 6.3493

Previews

White Background



This preview shows how the XYZ color 14.5155, 14.6754, 15.9775 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 14.5155, 14.6754, 15.9775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

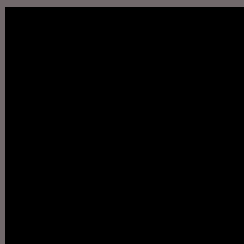
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5155, 14.6754, 15.9775

Background



This preview shows how black text looks on a background with the XYZ color 14.5155, 14.6754, 15.9775.



This preview shows how white text looks on a background with the XYZ color 14.5155, 14.6754,

15.9775.

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

14.5155, 14.6754, 15.9775

Protanopia

14.1675, 14.6420, 16.2668

Deuteranopia

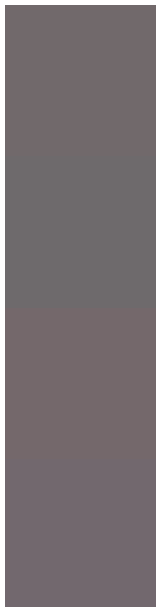
14.9403, 14.7441, 15.9684



Tritanopia

14.8144, 14.6479, 17.3758

Trichromacy



Original Color

14.5155, 14.6754, 15.9775

Protanomaly

14.2912, 14.7058, 16.2726

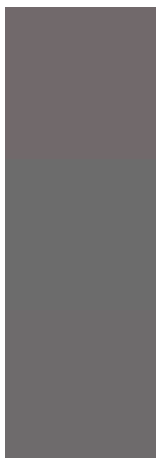
Deuteranomaly

14.8066, 14.6752, 15.9621

Tritanomaly

14.7042, 14.6038, 16.7957

Monochromacy



Original Color

14.5155, 14.6754, 15.9775

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3949, 14.9131, 16.3072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5155, 14.6754, 15.9775 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 105, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 105, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.5155, 14.6754, 15.9775 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, 107) }
```


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

```
.border{ border-color:rgb(113, 105, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 105, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 105, 107);  
box-shadow:4px 4px 4px 4px rgb(113, 105,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5155, 14.6754, 15.9775 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, 107) }
```

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

```
.background{ background-color: rgb(113,  
105, 107) }
```

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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