

Converting Colors

XYZ(14.6746, 14.7657, 15.3801)

Have a look what the booklet for
XYZ(14.6746, 14.7657, 15.3801)
contains.

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Color

**XYZ(14.6716, 14.7679,
15.4418)**

Conversions

Conversions Part 1

Format	Color
Hex	736969
RGB	115, 105, 105
RGB Percent	45%, 41%, 41%
CMY	0.5490, 0.5882, 0.5882
CMYK	0.00, 0.09, 0.09, 0.55
HSL	0°, 5%, 43%
HSV	0°, 9%, 45%
XYZ	14.6716, 14.7679, 15.4418
YIQ	107.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

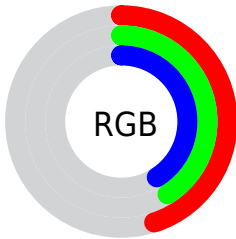
Format	Color
R_{YB}	115, 105, 105
Decimal	7563625
CIE Lab	45.31, 3.93, 1.42
CIE LCh	45, 4.175, 19.837
Yxy	14.7679, 0.3269, 0.3290
Android (android.graphics.Color)	4285753705 (0xFF736969)
YUV	107.9900, -1.4741, 6.1478
Hunter-Lab	38.4290, 0.8977, 3.0760

Details

The XYZ color **14.6716, 14.7679, 15.4418** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0509, 16.5022, 18.6118**, and the grayscale version is **14.2542, 14.9966, 16.3312**.

A 20% lighter version of the original color is **33.8256, 34.3927, 36.3081**, and **4.5915, 4.5249, 4.6344** is the 20% darker color. If you saturate the color by 10%, you get **13.0272, 12.3618, 12.1720**, and if you desaturate by 10%, it is **16.5551, 17.5240, 19.1861**.

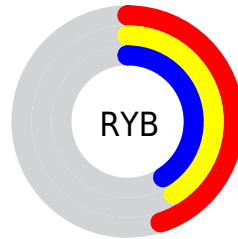
Distribution



Red (45%)

Green (41%)

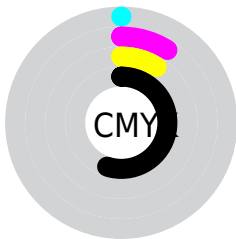
Blue (41%)



Red (45%)

Yellow (41%)

Blue (41%)

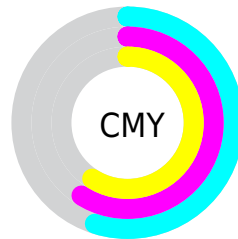


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6716, 14.7679, 15.4418 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 14.6716, 14.7679, 15.4418 by changing the saturation by 10% instead.

■ 14.6716, 14.7679,
15.4418

■ 14.6716, 14.7679,
15.4418

214.7978,
221.9571, 237.7571

■ 8.6740, 8.6567,
8.9800

■ 33.8524, 34.4455,
36.3796

■ 4.5846, 4.5179,
4.6315

■ 47.7664, 48.7806,
51.6926

■ 2.0379, 1.9673,
1.9778

■ 65.0499, 66.6258,
70.7932

■ 0.6551, 0.5884,
0.5416

■ 86.0683, 88.3655,
94.0997

■ 0.0000, 0.0000,
0.0000

111.1870,
114.3841, 122.0309

140.7712,

145.0660, 155.0051

175.1864,
180.7955, 193.4410

■ 14.6716, 14.7679,
15.4418

■ 14.6716, 14.7679,
15.4418

■ 13.0272, 12.3618,
12.1720

■ 16.5551, 17.5240,
19.1861

■ 11.6112, 10.2898,
9.3569

■ 18.6856, 20.6413,
23.4217

■ 10.4139, 8.5378,
6.9766

■ 21.0718, 24.1327,
28.1659

■ 9.4243, 7.0899,
5.0095

■ 23.7218, 28.0103,
33.4348

■ 8.6308, 5.9286,
3.4320

■ 26.6435, 32.2853,
39.2438

■ 8.0201, 5.0351,
2.2183

■ 29.8442, 36.9686,
45.6076

■ 7.5779, 4.3878,
1.3392

■ 33.3311, 42.0705,
52.5405

■ 7.2872, 3.9623,
0.7615

■ 37.1110, 47.6012,
60.0560

■ 7.0951, 3.6813,
0.3797

■ 41.1906, 53.5704,
68.1675

Harmonies

Analogous

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



14.7015, 14.7679, 16.4183



14.6716, 14.7679, 15.4418



14.4699, 14.7679, 14.6672

Triad

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



14.6716, 14.7679, 15.4418



13.5341, 14.7679, 14.8819



13.9194, 14.7679, 18.0290

Complementary

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



14.6716, 14.7679, 15.4418



15.0509, 16.5022, 18.6118

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.



13.6117, 14.7679, 17.5802



14.6716, 14.7679, 15.4418



13.3917, 14.7679, 15.7459

Square

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



14.6716, 14.7679, 15.4418



13.8119, 14.7679, 14.3532



13.4199, 14.7679, 16.7350



14.2634, 14.7679, 17.9394

Rectangle

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



14.6716, 14.7679, 15.4418



14.2670, 14.7679, 14.3567



13.4199, 14.7679, 16.7350



13.8084, 14.7679, 17.9354

Sweetspot

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



14.6720, 14.7685, 15.4421



28.1133, 29.1386, 31.3108



15.2165, 14.9860, 18.3104



6.6492, 6.8672, 7.3551



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.



14.6720, 14.7685, 15.4421



25.7834, 25.7296, 26.6788



15.1961, 15.8168, 15.6168



3.6840, 3.7010, 3.8625



8.0831, 4.1674, 0.3784



39.3891, 20.3067, 1.8435

Inverse Universe

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



15.0509, 16.5022, 18.6118



26.5761, 29.3567, 33.3102



14.4963, 15.3931, 18.4270



3.7833, 4.1552, 4.6929



10.5432, 15.4261, 20.9644



51.3776, 75.1717, 102.1620

Previews

White Background



This preview shows how the XYZ color 14.6716, 14.7679, 15.4418 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 14.6716, 14.7679, 15.4418 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 14.6716, 14.7679, 15.4418

Background



This preview shows how black text looks on a background with the XYZ color 14.6716, 14.7679, 15.4418.



This preview shows how white text looks on a background with the XYZ color 14.6716, 14.7679,

15.4418.

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

14.6716, 14.7679, 15.4418

Protanopia

14.1659, 14.8072, 15.7471

Deuteranopia

14.9713, 14.7721, 15.4268



Tritanopia

15.0774, 14.7835, 17.3881

Trichromacy



Original Color

14.6716, 14.7679, 15.4418

Protanomaly

14.3111, 14.7282, 15.7242

Deuteranomaly

14.8362, 14.7025, 15.4205

Tritanomaly

14.9131, 14.7178, 16.5228

Monochromacy



Original Color

14.6716, 14.7679, 15.4418

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4671, 14.9564, 16.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6716, 14.7679, 15.4418 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(115, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 105)  
}
```

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(115, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.6716, 14.7679, 15.4418 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(115, 105, 105) }
```


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

```
.border{ border-color:rgb(115, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6716, 14.7679, 15.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 105) }
```

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

```
.background{ background-color: rgb(115,  
105, 105) }
```

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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