

Converting Colors

XYZ(14.6857, 14.5417, 14.0035)

Have a look what the booklet for
XYZ(14.6857, 14.5417, 14.0035)
contains.

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Color

**XYZ(14.6217, 14.4721,
14.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	766764
RGB	118, 103, 100
RGB Percent	46%, 40%, 39%
CMY	0.5373, 0.5961, 0.6078
CMYK	0.00, 0.13, 0.15, 0.54
HSL	10°, 8%, 43%
HSV	10°, 15%, 46%
XYZ	14.6217, 14.4721, 14.0793
YIQ	107.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

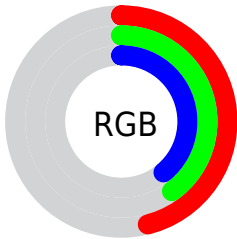
Format	Color
R_{YB}	118, 104, 100
Decimal	7759716
CIE Lab	44.90, 5.40, 3.87
CIE LCh	45, 6.643, 35.621
Yxy	14.4721, 0.3387, 0.3352
Android (android.graphics.Color)	4285949796 (0xFF766764)
YUV	107.1430, -3.5215, 9.5216
Hunter-Lab	38.0422, 2.0334, 4.6865

Details

The XYZ color **14.6217, 14.4721, 14.0793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6562, 16.2785, 19.5093**, and the grayscale version is **14.0226, 14.7529, 16.0659**.

A 20% lighter version of the original color is **33.7191, 33.8916, 34.0427**, and **4.5110, 4.3506, 3.9702** is the 20% darker color. If you saturate the color by 10%, you get **13.1704, 12.4182, 10.9789**, and if you desaturate by 10%, it is **16.2715, 16.7904, 17.6544**.

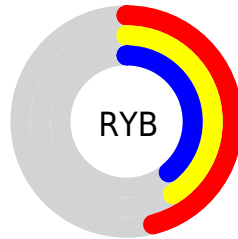
Distribution



Red (46%)

Green (40%)

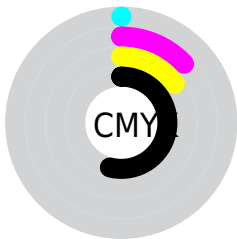
Blue (39%)



Red (46%)

Yellow (41%)

Blue (39%)

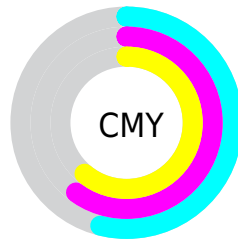


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6217, 14.4721, 14.0793 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 14.6217, 14.4721, 14.0793 by changing the saturation by 10% instead.

■ 14.6217, 14.4721,
14.0793

■ 14.6217, 14.4721,
14.0793

214.4990,
220.1483, 229.1692

■ 8.6389, 8.4497,
8.0365

■ 33.7653, 33.9244,
33.9488

■ 4.5616, 4.3841,
4.0302

■ 47.6568, 48.1231,
48.6126

■ 2.0245, 1.8906,
1.6419

■ 64.9152, 65.8161,
66.9871

■ 0.6477, 0.5427,
0.3205

■ 85.9060, 87.3877,
89.4908

■ 0.0000, 0.0000,
0.0000

110.9943,
113.2223, 116.5423

140.5457,

143.7044, 148.5602

174.9255,
179.2182, 185.9630

■ 14.6217, 14.4721,
14.0793

■ 14.6217, 14.4721,
14.0793

■ 13.1704, 12.4182,
10.9789

■ 16.2715, 16.7904,
17.6544

■ 11.9090, 10.6175,
8.3324

■ 18.1259, 19.3801,
21.7221

■ 10.8299, 9.0606,
6.1186

■ 20.1918, 22.2503,
26.3004

■ 9.9244, 7.7370,
4.3145

■ 22.4758, 25.4091,
31.4063

■ 9.1834, 6.6354,
2.8946

■ 24.9841, 28.8642,
37.0559

■ 8.5966, 5.7435,
1.8309

■ 27.7224, 32.6231,
43.2645

■ 8.1528, 5.0476,
1.0915

■ 30.6967, 36.6931,
50.0469

■ 7.8358, 4.5315,
0.6225

■ 33.9122, 41.0810,
57.4175

■ 7.7159, 4.3407,
0.4312

■ 37.3744, 45.7937,
65.3900

Harmonies

Analogous

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



14.8209, 14.4721, 15.4666



14.6217, 14.4721, 14.0793



14.1908, 14.4721, 13.1877

Triad

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



14.6217, 14.4721, 14.0793



12.8260, 14.4721, 14.5552



13.8578, 14.4721, 18.9251

Complementary

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



14.6217, 14.4721, 14.0793



14.6562, 16.2785, 19.5093

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.



13.3288, 14.4721, 18.6415



14.6217, 14.4721, 14.0793



12.7421, 14.4721, 16.0524

Square

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



14.6217, 14.4721, 14.0793



13.1560, 14.4721, 13.4496



12.9238, 14.4721, 17.5644



14.3725, 14.4721, 18.3158

Rectangle

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



14.6217, 14.4721, 14.0793



13.8352, 14.4721, 12.9600



12.9238, 14.4721, 17.5644



13.6757, 14.4721, 18.9315

Sweetspot

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



14.6221, 14.4727, 14.0796



28.6504, 29.5787, 31.1290



15.1231, 14.2039, 18.1644



6.5484, 6.7463, 7.0725



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

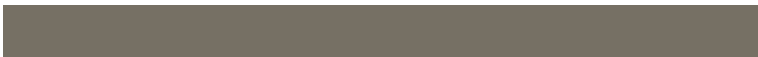
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6221, 14.4727, 14.0796



24.8577, 24.2442, 22.9259



15.5658, 16.3602, 14.3942



3.7288, 3.7906, 3.8774



8.3403, 4.6819, 0.4641



40.2051, 21.9388, 2.1156

Inverse Universe

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



14.6562, 16.2785, 19.5093



24.9284, 28.0022, 34.2281



13.6798, 14.3256, 19.1838



3.7339, 4.0563, 4.6764



8.2877, 10.9150, 20.2126



39.8494, 52.1155, 98.3193

Previews

White Background



This preview shows how the XYZ color 14.6217, 14.4721, 14.0793 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 14.6217, 14.4721, 14.0793 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

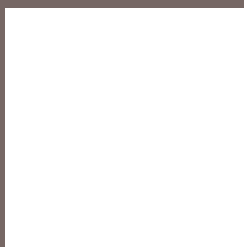
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6217, 14.4721, 14.0793

Background



This preview shows how black text looks on a background with the XYZ color 14.6217, 14.4721, 14.0793.



This preview shows how white text looks on a background with the XYZ color 14.6217, 14.4721,

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

14.6217, 14.4721, 14.0793

Protanopia

13.8590, 14.5186, 14.6423

Deuteranopia

14.7582, 14.5425, 14.0857



Tritanopia

15.1194, 14.5288, 16.4755

Trichromacy



Original Color

14.6217, 14.4721, 14.0793

Protanomaly

14.0826, 14.4875, 14.3660

Deuteranomaly

14.7582, 14.5425, 14.0857

Tritanomaly

14.9606, 14.4653, 15.6392

Monochromacy



Original Color

14.6217, 14.4721, 14.0793

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2083, 14.6871, 15.1827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6217, 14.4721, 14.0793 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(118, 103, 100)` looks like.

```
.text, #text, p{  
    color:rgb(118, 103, 100)  
}
```

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(118, 103, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 103, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.6217, 14.4721, 14.0793 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(118, 103, 100) }
```


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

```
.border{ border-color:rgb(118, 103, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 103, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 103, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 103, 100);  
box-shadow:4px 4px 4px 4px rgb(118, 103,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6217, 14.4721, 14.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 103, 100) }
```

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

```
.background{ background-color: rgb(118,  
103, 100) }
```

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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