

Converting Colors

XYZ(14.3596, 14.7209, 16.7662)

Have a look what the booklet for
XYZ(14.3596, 14.7209, 16.7662)
contains.

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Color

**XYZ(14.3989, 14.7489,
16.8398)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6A6E
RGB	110, 106, 110
RGB Percent	43%, 42%, 43%
CMY	0.5686, 0.5843, 0.5686
CMYK	0.00, 0.04, 0.00, 0.57
HSL	300°, 2%, 42%
HSV	300°, 4%, 43%
XYZ	14.3989, 14.7489, 16.8398
YIQ	107.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

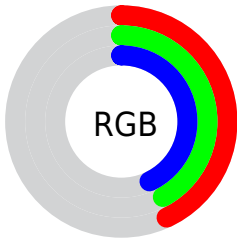
Format	Color
R_{YB}	110, 106, 110
Decimal	7236206
CIE Lab	45.29, 2.37, -1.69
CIE LCh	45, 2.907, 324.569
Yxy	14.7489, 0.3131, 0.3207
Android (android.graphics.Color)	4285426286 (0xFF6E6A6E)
YUV	107.6520, 1.1576, 2.0592
Hunter-Lab	38.4043, -0.2826, 0.8851

Details

The XYZ color **14.3989, 14.7489, 16.8398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1220, 15.2571, 15.8371**, and the grayscale version is **14.1535, 14.8906, 16.2159**.

A 20% lighter version of the original color is **33.4788, 34.4040, 39.0585**, and **4.4478, 4.5109, 5.3389** is the 20% darker color. If you saturate the color by 10%, you get **13.3373, 12.6257, 16.4862**, and if you desaturate by 10%, it is **15.6068, 17.1642, 17.2426**.

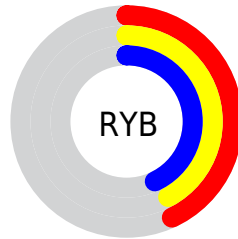
Distribution



Red (43%)

Green (42%)

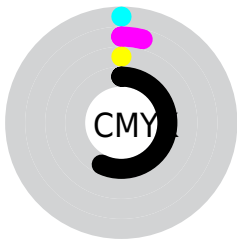
Blue (43%)



Red (43%)

Yellow (42%)

Blue (43%)

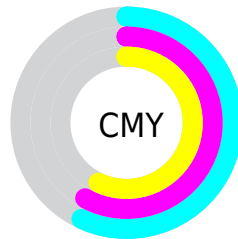


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3989, 14.7489, 16.8398 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 14.3989, 14.7489, 16.8398 by changing the saturation by 10% instead.

■ 14.3989, 14.7489,
16.8398

■ 14.3989, 14.7489,
16.8398

213.1598,
221.8413, 246.2601

■ 8.4822, 8.6433,
9.9596

■ 33.3755, 34.4121,
38.8370

■ 4.4594, 4.5093,
5.2669

■ 47.1662, 48.7385,
54.7911

■ 1.9652, 1.9623,
2.3432

■ 64.3122, 66.5740,
74.6068

■ 0.6143, 0.5855,
0.7553

■ 85.1789, 88.3029,
98.7029

■ 0.0000, 0.0000,
0.0000

110.1316,
114.3097, 127.4976

139.5358,

144.9788, 161.4098

173.7567,
180.6945, 200.8577

■ 14.3989, 14.7489,
16.8398

■ 14.3989, 14.7489,
16.8398

■ 13.3373, 12.6257,
16.4862

■ 15.6068, 17.1642,
17.2426

■ 12.4151, 10.7817,
16.1788

■ 16.9650, 19.8802,
17.6952

■ 11.6271, 9.2060,
15.9162

■ 18.4787, 22.9073,
18.1997

■ 10.9670, 7.8860,
15.6962

■ 20.1526, 26.2550,
18.7577

■ 10.4279, 6.8082,
15.5166

■ 21.9914, 29.9323,
19.3705

■ 10.0027, 5.9580,
15.3749

■ 23.9993, 33.9479,
20.0398

■ 9.6830, 5.3190,
15.2684

■ 26.1806, 38.3100,
20.7668

■ 9.4598, 4.8727,
15.1940

■ 28.5391, 43.0269,
21.5530

■ 9.3192, 4.5919,
15.1473

■ 31.0790, 48.1062,
22.3995

Harmonies

Analogous

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



14.2117, 14.7489, 17.2950



14.3989, 14.7489, 16.8398



14.4842, 14.7489, 16.1848

Triad

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



14.3989, 14.7489, 16.8398



14.0622, 14.7489, 14.7753



13.6017, 14.7489, 16.6165

Complementary

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



14.3989, 14.7489, 16.8398



14.1220, 15.2571, 15.8371

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.



13.5627, 14.7489, 15.9339



14.3989, 14.7489, 16.8398



13.8268, 14.7489, 14.8835

Square

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



14.3989, 14.7489, 16.8398



14.2884, 14.7489, 15.0030



13.6446, 14.7489, 15.3028



13.7518, 14.7489, 17.1635

Rectangle

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



14.3989, 14.7489, 16.8398



14.4711, 14.7489, 15.7279



13.6446, 14.7489, 15.3028



13.5752, 14.7489, 16.3948

Sweetspot

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



14.3993, 14.7495, 16.8401



25.8157, 26.9585, 29.7501



13.9200, 14.5126, 16.8197



6.0115, 6.2815, 6.9244



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.



14.3993, 14.7495, 16.8401



25.1939, 25.7152, 29.5429



14.2953, 14.7079, 16.2920



3.6393, 3.7033, 4.2772



11.1037, 5.3336, 18.1659



55.3116, 26.5685, 90.4921

Inverse Universe

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



14.1866, 14.6644, 15.7195



24.7730, 25.5468, 27.3257



14.2236, 15.2977, 16.3724



3.5725, 3.6766, 3.9253



7.7250, 3.9824, 0.3620



38.4815, 19.8379, 1.8019

Previews

White Background



This preview shows how the XYZ color 14.3989, 14.7489, 16.8398 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 14.3989, 14.7489, 16.8398 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 14.3989, 14.7489, 16.8398

Background



This preview shows how black text looks on a background with the XYZ color 14.3989, 14.7489, 16.8398.



This preview shows how white text looks on a background with the XYZ color 14.3989, 14.7489,

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

14.3989, 14.7489, 16.8398

Protanopia

14.2565, 14.8293, 16.8628

Deuteranopia

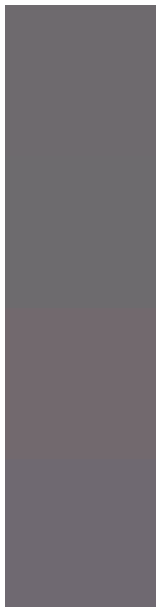
14.9672, 14.7394, 16.8080



Tritanopia

14.6444, 14.6976, 17.9847

Trichromacy



Original Color

14.3989, 14.7489, 16.8398

Protanomaly

14.3788, 14.8924, 16.8685

Deuteranomaly

14.8055, 14.8063, 16.8294

Tritanomaly

14.5878, 14.6749, 17.6865

Monochromacy



Original Color

14.3989, 14.7489, 16.8398

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3247, 14.8707, 16.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3989, 14.7489, 16.8398 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(110, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 106, 110)  
}
```

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(110, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 106, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.3989, 14.7489, 16.8398 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(110, 106, 110) }
```


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

```
.border{ border-color:rgb(110, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 106,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3989, 14.7489, 16.8398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 106, 110) }
```

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

```
.background{ background-color: rgb(110,  
106, 110) }
```

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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