

Converting Colors

XYZ(17.7327, 15.7915, 16.7049)

Have a look what the booklet for
XYZ(17.7327, 15.7915, 16.7049)
contains.

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Color

**XYZ(17.7305, 15.7299,
16.5697)**

Conversions

Conversions Part 1

Format	Color
Hex	89656D
RGB	137, 101, 109
RGB Percent	54%, 40%, 43%
CMY	0.4627, 0.6039, 0.5725
CMYK	0.00, 0.26, 0.20, 0.46
HSL	347°, 15%, 47%
HSV	347°, 26%, 54%
XYZ	17.7305, 15.7299, 16.5697
YIQ	112.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

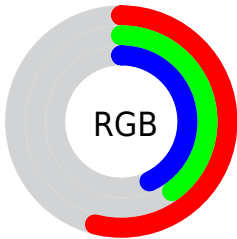
Format	Color
R _Y B	137, 101, 109
Decimal	9004397
CIE Lab	46.62, 15.79, 1.18
CIE LCh	47, 15.830, 4.291
Yxy	15.7299, 0.3544, 0.3144
Android (android.graphics.Color)	4287194477 (0xFF89656D)
YUV	112.6760, -1.8123, 21.3321
Hunter-Lab	39.6609, 10.3921, 2.9923

Details

The XYZ color **17.7305, 15.7299, 16.5697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2756, 22.2433, 24.1001**, and the grayscale version is **15.6018, 16.4143, 17.8752**.

A 20% lighter version of the original color is **39.0593, 36.0709, 38.1614**, and **6.0264, 4.9646, 5.1981** is the 20% darker color. If you saturate the color by 10%, you get **15.9703, 13.0724, 13.3222**, and if you desaturate by 10%, it is **19.7829, 18.8602, 20.2581**.

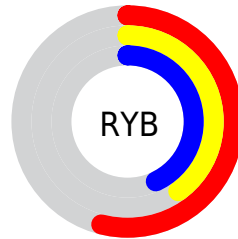
Distribution



Red (54%)

Green (40%)

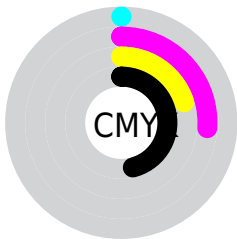
Blue (43%)



Red (54%)

Yellow (40%)

Blue (43%)

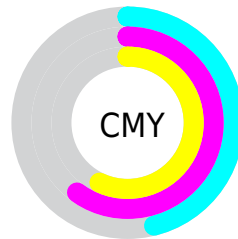


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7305, 15.7299, 16.5697 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 17.7305, 15.7299, 16.5697 by changing the saturation by 10% instead.

■ 17.7305, 15.7299,
16.5697

■ 17.7305, 15.7299,
16.5697

232.4227,
227.7426, 244.6398

■ 10.8552, 9.3332,
9.7695

■ 39.1113, 36.1287,
38.3649

■ 6.0361, 4.9592,
5.1428

■ 54.3474, 50.8995,
54.1970

■ 2.9079, 2.2233,
2.2711

■ 73.1012, 69.2306,
73.8767

■ 1.1053, 0.7327,
0.7149

■ 95.7381, 91.5063,
97.8227

■ 0.0295, 0.0000,
0.0000

122.6233,
118.1109, 126.4534

■ 0.0000, 0.0000,
0.0000

154.1222,

149.4289, 160.1875

190.6002,
185.8447, 199.4434

■ 17.7305, 15.7299,
16.5697

■ 17.7305, 15.7299,
16.5697

■ 15.9703, 13.0724,
13.3222

■ 19.7829, 18.8602,
20.2581

■ 14.4875, 10.8626,
10.4980

■ 22.1388, 22.4824,
24.4023

■ 13.2680, 9.0763,
8.0796

■ 24.8105, 26.6175,
29.0176

■ 12.2960, 7.6861,
6.0480

■ 27.8090, 31.2843,
34.1184

■ 11.5537, 6.6615,
4.3823

■ 31.1452, 36.5008,
39.7182

■ 11.0209, 5.9674,
3.0599

■ 34.8290, 42.2843,
45.8303

■ 10.6665, 5.5470,
2.0528

■ 38.8703, 48.6510,
52.4673

■ 10.5565, 5.4143,
1.7464

■ 43.2784, 55.6167,
59.6415

■ 48.0623, 63.1965,
67.3646

Harmonies

Analogous

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



17.4485, 15.7299, 20.6078



17.7305, 15.7299, 16.5697



17.2312, 15.7299, 13.2236

Triad

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



17.7305, 15.7299, 16.5697



13.5171, 15.7299, 11.6263



13.8384, 15.7299, 24.8517

Complementary

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



17.7305, 15.7299, 16.5697



18.2756, 22.2433, 24.1001

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.



12.8810, 15.7299, 21.7321



17.7305, 15.7299, 16.5697



12.7036, 15.7299, 14.0624

Square

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



17.7305, 15.7299, 16.5697



14.7549, 15.7299, 10.6593



12.4780, 15.7299, 17.6970



15.1485, 15.7299, 25.7921

Rectangle

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



17.7305, 15.7299, 16.5697



16.5394, 15.7299, 11.7091



12.4780, 15.7299, 17.6970



13.4673, 15.7299, 24.0020

Sweetspot

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



17.7309, 15.7306, 16.5700



38.8013, 38.9585, 42.2244



18.1622, 15.7502, 25.7497



8.5711, 8.5352, 9.2399



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7309, 15.7306, 16.5700



29.6666, 25.0147, 25.8445



18.3069, 17.5404, 14.7337



5.0754, 5.0656, 5.4857



9.8373, 5.0450, 1.6477



0.0700, 0.0354, 0.0357

Inverse Universe

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



17.7309, 15.7306, 16.5700



29.6666, 25.0147, 25.8445



17.5239, 19.8556, 26.5758



5.0754, 5.0656, 5.4857



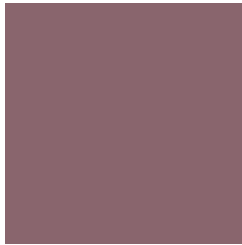
9.8373, 5.0450, 1.6477



0.0700, 0.0354, 0.0357

Previews

White Background



This preview shows how the XYZ color 17.7305, 15.7299, 16.5697 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 17.7305, 15.7299, 16.5697 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 17.7305, 15.7299, 16.5697

Background



This preview shows how black text looks on a background with the XYZ color 17.7305, 15.7299, 16.5697.



This preview shows how white text looks on a background with the XYZ color 17.7305, 15.7299,

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

17.7305, 15.7299, 16.5697

Protanopia

15.2953, 15.8115, 18.1654

Deuteranopia

15.9905, 15.7357, 16.3819



Tritanopia

17.7305, 15.7299, 16.5697

Trichromacy



Original Color

17.7305, 15.7299, 16.5697

Protanomaly

16.0675, 15.7502, 17.5225

Deuteranomaly

16.5107, 15.6979, 16.3471

Tritanomaly

17.7305, 15.7299, 16.5697

Monochromacy



Original Color

17.7305, 15.7299, 16.5697

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4193, 16.2447, 17.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7305, 15.7299, 16.5697 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(137, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 109)  
}
```

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(137, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.7305, 15.7299, 16.5697 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(137, 101, 109) }
```


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

```
.border{ border-color:rgb(137, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7305, 15.7299, 16.5697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 109) }
```

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

```
.background{ background-color: rgb(137,  
101, 109) }
```

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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