

Converting Colors

XYZ(17.2390, 16.1526, 11.7156)

Have a look what the booklet for
XYZ(17.2390, 16.1526, 11.7156)
contains.

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Color

**XYZ(17.1713, 16.1428,
11.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	896959
RGB	137, 105, 89
RGB Percent	54%, 41%, 35%
CMY	0.4627, 0.5882, 0.6510
CMYK	0.00, 0.23, 0.35, 0.46
HSL	20°, 21%, 44%
HSV	20°, 35%, 54%
XYZ	17.1713, 16.1428, 11.6620
YIQ	112.7440, 24.2080, 1.8080

Conversions

Conversions Part 2

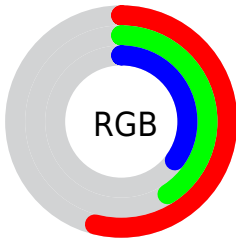
Format	Color
R_{YB}	137, 113, 89
Decimal	9005401
CIE Lab	47.16, 10.41, 13.92
CIE LCh	47, 17.380, 53.208
Yxy	16.1428, 0.3818, 0.3589
Android (android.graphics.Color)	4287195481 (0xFF896959)
YUV	112.7440, -11.7058, 21.2725
Hunter-Lab	40.1781, 5.9756, 10.9153

Details

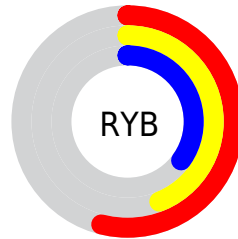
The XYZ color **17.1713, 16.1428, 11.6620** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4723, 17.6041, 26.2495**, and the grayscale version is **15.6491, 16.4641, 17.9294**.

A 20% lighter version of the original color is **38.0345, 36.7174, 29.5086**, and **5.7869, 5.1790, 2.9801** is the 20% darker color. If you saturate the color by 10%, you get **15.7680, 14.1728, 8.6153**, and if you desaturate by 10%, it is **18.7824, 18.3570, 15.3067**.

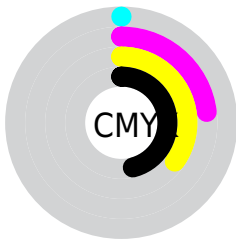
Distribution



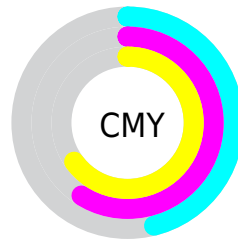
- Red (54%)
- Green (41%)
- Blue (35%)



- Red (54%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1713, 16.1428, 11.6620 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 17.1713, 16.1428, 11.6620 by changing the saturation by 10% instead.

■ 17.1713, 16.1428,
11.6620

■ 17.1713, 16.1428,
11.6620

229.2946,
230.1829, 213.0525

■ 10.4528, 9.6253,
6.3942

■ 38.1613, 36.8459,
29.5331

■ 5.7647, 5.1512,
3.0136

■ 53.1635, 51.8003,
42.9736

■ 2.7418, 2.3363,
1.1016

■ 71.6576, 70.3358,
59.9753

■ 1.0188, 0.7928,
0.0000

■ 94.0091, 92.8367,
80.9569

■ 0.0000, 0.0000,
0.0000

■ 120.5831,
119.6875, 106.3369

151.7451,

151.2725, 136.5338

187.8605,
187.9762, 171.9661

■ 17.1713, 16.1428,
11.6620

■ 17.1713, 16.1428,
11.6620

■ 15.7680, 14.1728,
8.6153

■ 18.7824, 18.3570,
15.3067

■ 14.5622, 12.4360,
6.1331

■ 20.6087, 20.8213,
19.5782

■ 13.5445, 10.9240,
4.1802

■ 22.6584, 23.5443,
24.5049

■ 12.7041, 9.6268,
2.7172

■ 24.9391, 26.5334,
30.1128

■ 12.0289, 8.5338,
1.6986

■ 27.4582, 29.7957,
36.4269

■ 11.5034, 7.6324,
1.0622

■ 30.2223, 33.3381,
43.4706

■ 11.2809, 7.2471,
0.8043

■ 33.2382, 37.1672,
51.2663

■ 36.5121, 41.2894,
59.8355

■ 40.0502, 45.7109,
69.1988

Harmonies

Analogous

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



18.2055, 16.1428, 14.4646



17.1713, 16.1428, 11.6620



15.6934, 16.1428, 10.4745

Triad

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



17.1713, 16.1428, 11.6620



12.6064, 16.1428, 16.6002



16.5306, 16.1428, 26.5015

Complementary

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



17.1713, 16.1428, 11.6620



15.4723, 17.6041, 26.2495

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.



14.9983, 16.1428, 27.3277



17.1713, 16.1428, 11.6620



12.7979, 16.1428, 21.1061

Square

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



17.1713, 16.1428, 11.6620



13.1083, 16.1428, 13.0029



13.6498, 16.1428, 25.2143



17.8188, 16.1428, 23.1141

Rectangle

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



17.1713, 16.1428, 11.6620



14.6816, 16.1428, 10.5908



13.6498, 16.1428, 25.2143



16.0245, 16.1428, 27.1088

Sweetspot

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



17.1717, 16.1436, 11.6623



38.2508, 39.0816, 38.2670



17.3402, 13.8438, 19.8475



8.4873, 8.6431, 8.3626



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.



17.1717, 16.1436, 11.6623



28.7377, 26.0898, 16.4931



19.9701, 21.7403, 12.5951



5.1603, 5.3034, 5.3041



10.5183, 6.7710, 0.7526



0.0823, 0.0698, 0.0091

Inverse Universe

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



15.4723, 17.6041, 26.2495



25.2148, 29.0977, 46.6706



12.9100, 12.4795, 25.3954



5.0347, 5.4124, 6.3852



7.7280, 8.7263, 23.3227



0.0648, 0.0850, 0.1594

Previews

White Background



This preview shows how the XYZ color 17.1713, 16.1428, 11.6620 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 17.1713, 16.1428, 11.6620 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 17.1713, 16.1428, 11.6620

Background



This preview shows how black text looks on a background with the XYZ color 17.1713, 16.1428, 11.6620.



This preview shows how white text looks on a background with the XYZ color 17.1713, 16.1428,

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

17.1713, 16.1428, 11.6620

Protanopia

15.3337, 16.2830, 12.4600

Deuteranopia

16.5258, 16.2717, 11.7209



Tritanopia

18.2133, 16.1175, 16.9029

Trichromacy



Original Color

17.1713, 16.1428, 11.6620

Protanomaly

15.9612, 16.1282, 12.1693

Deuteranomaly

16.7337, 16.2232, 11.7006

Tritanomaly

17.7298, 16.0631, 14.7364

Monochromacy



Original Color

17.1713, 16.1428, 11.6620

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.1007, 16.2889, 15.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1713, 16.1428, 11.6620 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, 105, 89)` looks like.

```
.text, #text, p{  
    color:rgb(137, 105, 89)  
}
```

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, 105, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 105, 89) }
```

Border

The CSS property to change the border of an element to XYZ 17.1713, 16.1428, 11.6620 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, 105, 89) }
```


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

```
.border{ border-color:rgb(137, 105, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 105, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 105, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 105, 89);  
box-shadow:4px 4px 4px 4px rgb(137, 105,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1713, 16.1428, 11.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 105, 89) }
```

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

```
.background{ background-color: rgb(137,  
105, 89) }
```

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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