

Converting Colors

XYZ(17.2372, 15.0191, 17.9109)

Have a look what the booklet for
XYZ(17.2372, 15.0191, 17.9109)
contains.

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Color

**XYZ(17.2365, 15.0186,
17.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	866272
RGB	134, 98, 114
RGB Percent	53%, 38%, 45%
CMY	0.4745, 0.6157, 0.5529
CMYK	0.00, 0.27, 0.15, 0.47
HSL	333°, 16%, 45%
HSV	333°, 27%, 53%
XYZ	17.2365, 15.0186, 17.9100
YIQ	110.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

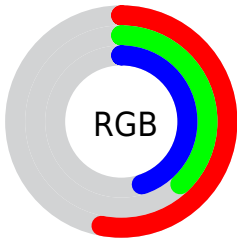
Format	Color
R_{YB}	134, 98, 114
Decimal	8807026
CIE _{Lab}	45.66, 17.24, -3.27
CIE _{LCh}	46, 17.547, 349.250
Yxy	15.0186, 0.3436, 0.2994
Android (android.graphics.Color)	4286997106 (0xFF866272)
YUV	110.5880, 1.6821, 20.5323
Hunter-Lab	38.7538, 11.5720, -0.2731

Details

The XYZ color **17.2365, 15.0186, 17.9100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8328, 20.9554, 20.2982**, and the grayscale version is **14.9826, 15.7628, 17.1657**.

A 20% lighter version of the original color is **38.3694, 34.9394, 40.7981**, and **5.8234, 4.6458, 5.7441** is the 20% darker color. If you saturate the color by 10%, you get **15.6795, 12.5553, 15.3847**, and if you desaturate by 10%, it is **19.0388, 17.9169, 20.6877**.

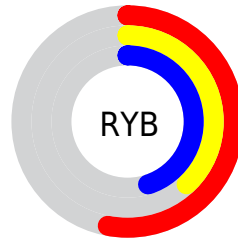
Distribution



Red (53%)

Green (38%)

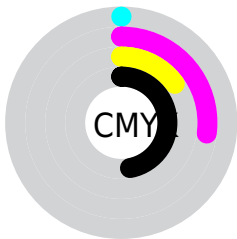
Blue (45%)



Red (53%)

Yellow (38%)

Blue (45%)

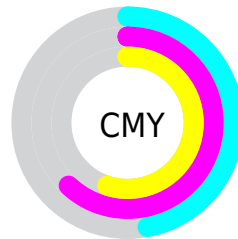


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2365, 15.0186, 17.9100 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 17.2365, 15.0186, 17.9100 by changing the saturation by 10% instead.

■ 17.2365, 15.0186,
17.9100

■ 17.2365, 15.0186,
17.9100

229.6614,
223.4788, 252.5823

■ 10.4996, 8.8324,
10.7166

■ 38.2723, 34.8858,
40.6958

■ 5.7962, 4.6321,
5.7649

■ 53.3020, 49.3356,
57.1252

■ 2.7611, 2.0330,
2.6362

■ 71.8266, 67.3088,
77.4705

■ 1.0287, 0.6266,
0.9110

■ 94.2115, 89.1898,
102.1501

■ 0.0000, 0.0000,
0.0000

120.8221,
115.3628, 131.5825

152.0237,

146.2124, 166.1863

188.1816,
182.1229, 206.3801

■ 17.2365, 15.0186,
17.9100

■ 17.2365, 15.0186,
17.9100

■ 15.6795, 12.5553,
15.3847

■ 19.0388, 17.9169,
20.6877

■ 14.3552, 10.5037,
13.1029

■ 21.0956, 21.2680,
23.7241

■ 13.2520, 8.8415,
11.0569

■ 23.4172, 25.0909,
27.0267

■ 12.3563, 7.5435,
9.2376

■ 26.0129, 29.4033,
30.6022

■ 11.6533, 6.5812,
7.6358

■ 28.8917, 34.2217,
34.4571

■ 11.1260, 5.9220,
6.2408

■ 32.0620, 39.5619,
38.5977

■ 10.7436, 5.5062,
5.0375

■ 35.5318, 45.4390,
43.0301

■ 10.6354, 5.3899,
4.6927

■ 39.3090, 51.8675,
47.7600

■ 43.4011, 58.8615,
52.7932

Harmonies

Analogous

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



16.5255, 15.0186, 22.2282



17.2365, 15.0186, 17.9100



17.1138, 15.0186, 13.8257

Triad

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



17.2365, 15.0186, 17.9100



13.3627, 15.0186, 9.8375



12.5076, 15.0186, 23.2859

Complementary

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



17.2365, 15.0186, 17.9100



16.8328, 20.9554, 20.2982

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.



11.7684, 15.0186, 19.1702



17.2365, 15.0186, 17.9100



12.2382, 15.0186, 11.6162

Square

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



17.2365, 15.0186, 17.9100



14.8086, 15.0186, 9.6178



11.6733, 15.0186, 14.8884



13.7538, 15.0186, 25.6676

Rectangle

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



17.2365, 15.0186, 17.9100



16.5780, 15.0186, 11.7459



11.6733, 15.0186, 14.8884



12.1953, 15.0186, 22.0295

Sweetspot

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



17.2369, 15.0193, 17.9103



36.6661, 36.6501, 41.0705



16.1155, 14.2949, 24.4644



8.1476, 8.0723, 9.0880



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2369, 15.0193, 17.9103



28.7157, 23.8363, 28.9039



16.5747, 15.0269, 13.5830



4.7522, 4.7206, 5.3073



9.9721, 5.0532, 4.4254



0.0381, 0.0189, 0.0342

Inverse Universe

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



17.2369, 15.0193, 17.9103



28.7157, 23.8363, 28.9039



17.6190, 20.8752, 25.6553



4.7522, 4.7206, 5.3073



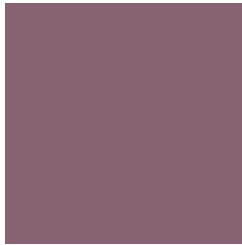
9.9721, 5.0532, 4.4254



0.0381, 0.0189, 0.0342

Previews

White Background



This preview shows how the XYZ color 17.2365, 15.0186, 17.9100 looks on a white background.

Color Contrast Check

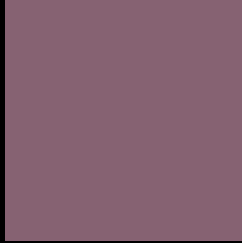
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2365, 15.0186, 17.9100 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 17.2365, 15.0186, 17.9100

Background



This preview shows how black text looks on a background with the XYZ color 17.2365, 15.0186, 17.9100.



This preview shows how white text looks on a background with the XYZ color 17.2365, 15.0186,

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

17.2365, 15.0186, 17.9100

Protanopia

14.8161, 15.2070, 19.9236

Deuteranopia

15.3683, 15.0773, 17.7230



Tritanopia

16.7885, 14.9718, 15.9149

Trichromacy



Original Color

17.2365, 15.0186, 17.9100

Protanomaly

15.5564, 14.9905, 19.2131

Deuteranomaly

15.9004, 14.9060, 17.6619

Tritanomaly

16.9492, 15.0360, 16.7608

Monochromacy



Original Color

17.2365, 15.0186, 17.9100

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.6864, 15.3999, 17.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2365, 15.0186, 17.9100 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(134, 98, 114)` looks like.

```
.text, #text, p{  
    color:rgb(134, 98, 114)  
}
```

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(134, 98, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 98, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.2365, 15.0186, 17.9100 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(134, 98, 114) }
```


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

```
.border{ border-color:rgb(134, 98, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 98, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 98, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 98, 114); box-shadow:4px 4px 4px 4px rgb(134, 98, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2365, 15.0186, 17.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 98, 114) }
```

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

```
.background{ background-color: rgb(134, 98,  
114) }
```

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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