

Converting Colors

XYZ(18.9645, 15.1200, 17.2482)

Have a look what the booklet for
XYZ(18.9645, 15.1200, 17.2482)
contains.

XYZ(18.9645, 15.1200, 17.2482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9645, 15.1200,
17.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	945C70
RGB	148, 92, 112
RGB Percent	58%, 36%, 44%
CMY	0.4196, 0.6392, 0.5608
CMYK	0.00, 0.38, 0.24, 0.42
HSL	339°, 23%, 47%
HSV	339°, 38%, 58%
XYZ	18.9645, 15.1200, 17.2482
YIQ	111.0240, 26.9560, 18.0920

Conversions

Conversions Part 2

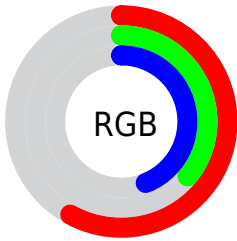
Format	Color
R_{YB}	148, 92, 112
Decimal	9722992
CIE _{Lab}	45.80, 25.80, -1.67
CIE _{LCh}	46, 25.854, 356.302
Yxy	15.1200, 0.3694, 0.2945
Android (android.graphics.Color)	4287913072 (0xFF945C70)
YUV	111.0240, 0.4812, 32.4280
Hunter-Lab	38.8844, 19.0092, 0.9195

Details

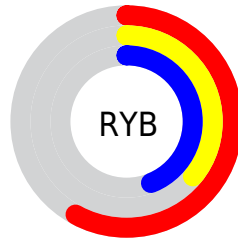
The XYZ color **18.9645, 15.1200, 17.2482** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9004, 25.0140, 24.2552**, and the grayscale version is **15.1099, 15.8968, 17.3116**.

A 20% lighter version of the original color is **41.1519, 35.0218, 39.7129**, and **6.6500, 4.6583, 5.3991** is the 20% darker color. If you saturate the color by 10%, you get **17.3034, 12.6012, 14.2174**, and if you desaturate by 10%, it is **20.9329, 18.1636, 20.6580**.

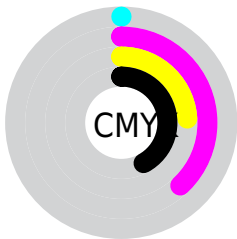
Distribution



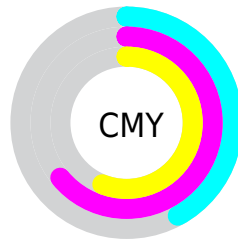
- Red (58%)
- Green (36%)
- Blue (44%)



- Red (58%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (42%)





- Cyan (42%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9645, 15.1200, 17.2482 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 18.9645, 15.1200, 17.2482 by changing the saturation by 10% instead.


 18.9645, 15.1200,
17.2482


 18.9645, 15.1200,
17.2482


239.1946,
224.0914, 248.6908


 11.7485, 8.9036,
10.2478


 41.1914, 35.0636,
39.5485

 6.6436, 4.6784,
5.4558


 56.9331, 49.5596,
55.6855

 3.2846, 2.0598,
2.4537

 76.2473, 67.5842,
75.7051

 1.3060, 0.6419,
0.8155

 99.4994, 89.5219,
100.0258

 0.1877, 0.0000,
0.0000

127.0549,
115.7571, 129.0662

 0.0000, 0.0000,
0.0000

159.2790,

146.6742, 163.2448

196.5371,
182.6575, 202.9802

■ 18.9645, 15.1200,
17.2482

■ 18.9645, 15.1200,
17.2482

■ 17.3034, 12.6012,
14.2174

■ 20.9329, 18.1636,
20.6580

■ 15.9320, 10.5750,
11.5508

■ 23.2225, 21.7574,
24.4591

■ 14.8326, 9.0092,
9.2335

■ 25.8478, 25.9277,
28.6644

■ 13.9853, 7.8664,
7.2496

■ 28.8221, 30.6987,
33.2857

■ 13.3668, 7.1037,
5.5811

■ 32.1577, 36.0929,
38.3346

■ 12.9351, 6.6405,
4.2034

■ 35.8666, 42.1319,
43.8219

■ 12.8520, 6.5516,
3.9377

■ 39.9601, 48.8360,
49.7583

■ 44.4491, 56.2247,
56.1538

■ 49.3439, 64.3170,
63.0184

Harmonies

Analogous

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



18.1413, 15.1200, 24.0475



18.9645, 15.1200, 17.2482



18.4583, 15.1200, 11.7033

Triad

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



18.9645, 15.1200, 17.2482



12.5955, 15.1200, 7.8871



12.1722, 15.1200, 28.5821

Complementary

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



18.9645, 15.1200, 17.2482



18.9004, 25.0140, 24.2552

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.



10.9367, 15.1200, 22.3648



18.9645, 15.1200, 17.2482



11.1632, 15.1200, 10.6690

Square

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



18.9645, 15.1200, 17.2482



14.6427, 15.1200, 7.1659



10.5866, 15.1200, 15.7022



14.1029, 15.1200, 31.5521

Rectangle

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



18.9645, 15.1200, 17.2482



17.4602, 15.1200, 9.2297



10.5866, 15.1200, 15.7022



11.6697, 15.1200, 26.7366

Sweetspot

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



18.9649, 15.1207, 17.2485



43.9717, 43.1413, 47.9846



17.9951, 14.3411, 29.8367



9.9079, 9.6416, 10.7464



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.9649, 15.1207, 17.2485



31.0578, 23.0255, 26.0708



18.6512, 16.0817, 12.2471



5.8813, 5.8476, 6.4809



10.9897, 5.6009, 3.4270



0.1476, 0.0738, 0.1111

Inverse Universe

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



18.9649, 15.1207, 17.2485



31.0578, 23.0255, 26.0708



19.2156, 23.3262, 31.5067



5.8813, 5.8476, 6.4809



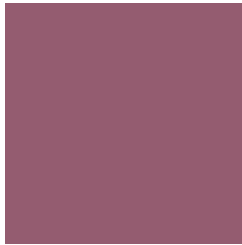
10.9897, 5.6009, 3.4270



0.1476, 0.0738, 0.1111

Previews

White Background



This preview shows how the XYZ color 18.9645, 15.1200, 17.2482 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 18.9645, 15.1200, 17.2482 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 18.9645, 15.1200, 17.2482

Background



This preview shows how black text looks on a background with the XYZ color 18.9645, 15.1200, 17.2482.



This preview shows how white text looks on a background with the XYZ color 18.9645, 15.1200,

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

18.9645, 15.1200, 17.2482

Protanopia

14.9388, 15.2561, 20.5697

Deuteranopia

15.4738, 15.1509, 16.8607



Tritanopia

18.3843, 15.1480, 14.2668

Trichromacy



Original Color

18.9645, 15.1200, 17.2482

Protanomaly

16.0474, 14.9483, 19.1791

Deuteranomaly

16.6323, 15.0079, 17.0591

Tritanomaly

18.4968, 15.0517, 15.2950

Monochromacy



Original Color

18.9645, 15.1200, 17.2482

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.1317, 15.3334, 17.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9645, 15.1200, 17.2482 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(148, 92, 112)` looks like.

```
.text, #text, p{  
  color:rgb(148, 92, 112)  
}
```

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(148, 92, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 92, 112) }
```

Border

The CSS property to change the border of an element to XYZ 18.9645, 15.1200, 17.2482 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(148, 92, 112) }
```


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

```
.border{ border-color:rgb(148, 92, 112) }
```

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

Here you see how a box with a 4 pixel rgb(148, 92, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 92, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 92, 112);  
box-shadow:4px 4px 4px 4px rgb(148, 92,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9645, 15.1200, 17.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 92, 112) }
```

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

```
.background{ background-color: rgb(148, 92,  
112) }
```

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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