

Converting Colors

XYZ(18.1716, 13.5283, 16.1201)

Have a look what the booklet for
XYZ(18.1716, 13.5283, 16.1201)
contains.

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Color

**XYZ(18.1720, 13.5283,
16.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	95526D
RGB	149, 82, 109
RGB Percent	58%, 32%, 43%
CMY	0.4157, 0.6784, 0.5725
CMYK	0.00, 0.45, 0.27, 0.42
HSL	336°, 29%, 45%
HSV	336°, 45%, 58%
XYZ	18.1720, 13.5283, 16.1214
YIQ	105.1110, 31.2650, 22.6010

Conversions

Conversions Part 2

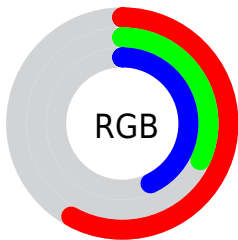
Format	Color
R_{YB}	149, 82, 109
Decimal	9785965
CIE _{Lab}	43.55, 31.37, -3.14
CIE _{LCh}	44, 31.524, 354.291
Yxy	13.5283, 0.3800, 0.2829
Android (android.graphics.Color)	4287976045 (0xFF95526D)
YUV	105.1110, 1.9173, 38.4907
Hunter-Lab	36.7808, 23.8235, -0.2408

Details

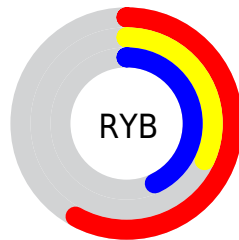
The XYZ color **18.1720, 13.5283, 16.1214** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7406, 24.6942, 22.2451**, and the grayscale version is **13.4468, 14.1470, 15.4061**.

A 20% lighter version of the original color is **39.9095, 32.2923, 37.3873**, and **6.2654, 3.9787, 4.9952** is the 20% darker color. If you saturate the color by 10%, you get **16.7131, 11.3384, 13.3907**, and if you desaturate by 10%, it is **19.9241, 16.2268, 19.1893**.

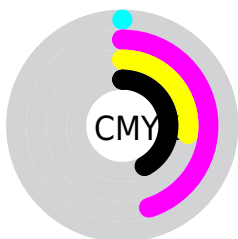
Distribution



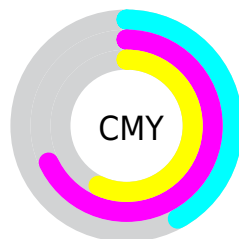
- Red (58%)
- Green (32%)
- Blue (43%)



- Red (58%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (42%)



- Cyan (42%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1720, 13.5283, 16.1214 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 18.1720, 13.5283, 16.1214 by changing the saturation by 10% instead.

18.1720, 13.5283,
16.1214

18.1720, 13.5283,
16.1214

234.8656,
214.2763, 241.9271

11.1740, 7.7933,
9.4548

39.8580, 32.2497,
37.5786

6.2521, 3.9630,
4.9382

55.2767, 46.0049,
53.2062

3.0411, 1.6529,
2.1529

74.2329, 63.2023,
72.6579

1.1755, 0.3929,
0.6470

97.0921, 84.2263,
96.3523

0.0869, 0.0000,
0.0000

124.2197,
109.4613, 124.7079

0.0000, 0.0000,
0.0000

155.9808,

139.2917, 158.1432

192.7410,
174.1019, 197.0768

■ 18.1720, 13.5283,
16.1214

■ 18.1720, 13.5283,
16.1214

■ 16.7131, 11.3384,
13.3907

■ 19.9241, 16.2268,
19.1893

■ 15.5289, 9.6228,
10.9836

■ 21.9843, 19.4617,
22.6056

■ 14.6004, 8.3457,
8.8864

■ 24.3675, 23.2608,
26.3821

■ 13.9056, 7.4655,
7.0840

■ 27.0875, 27.6496,
30.5296

■ 13.4162, 6.9286,
5.5587

■ 30.1573, 32.6520,
35.0585

■ 13.2111, 6.7162,
4.8805

■ 33.5890, 38.2905,
39.9786

■ 37.3942, 44.5865,
45.2996

■ 41.5842, 51.5604,
51.0306

■ 46.1694, 59.2318,
57.1804

Harmonies

Analogous

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



17.1016, 13.5283, 24.1535



18.1720, 13.5283, 16.1214



17.6779, 13.5283, 9.8237

Triad

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



18.1720, 13.5283, 16.1214



11.0061, 13.5283, 5.5011



10.2865, 13.5283, 28.7225

Complementary

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



18.1720, 13.5283, 16.1214



17.7406, 24.6942, 22.2451

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.



9.0054, 13.5283, 21.0463



18.1720, 13.5283, 16.1214



9.3822, 13.5283, 8.1451

Square

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



18.1720, 13.5283, 16.1214



13.3353, 13.5283, 4.9338



8.6967, 13.5283, 13.4211



12.3927, 13.5283, 32.7760

Rectangle

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



18.1720, 13.5283, 16.1214



16.5564, 13.5283, 7.1415



8.6967, 13.5283, 13.4211



9.7564, 13.5283, 26.3815

Sweetspot

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



18.1724, 13.5290, 16.1217



44.4238, 42.9173, 48.4621



16.3395, 12.2763, 29.9421



9.6378, 9.1785, 10.4189



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.



18.1724, 13.5290, 16.1217



29.8998, 20.2596, 23.9204



17.3735, 13.9107, 9.7529



5.8919, 5.8518, 6.5366



11.1330, 5.6582, 4.1812



0.1502, 0.0748, 0.1246

Inverse Universe

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



18.1724, 13.5290, 16.1217



29.8998, 20.2596, 23.9204



18.7901, 23.7343, 32.0246



5.8919, 5.8518, 6.5366



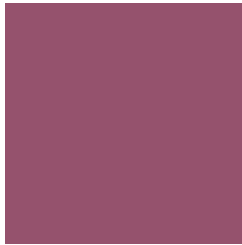
11.1330, 5.6582, 4.1812



0.1502, 0.0748, 0.1246

Previews

White Background



This preview shows how the XYZ color 18.1720, 13.5283, 16.1214 looks on a white background.

Color Contrast Check

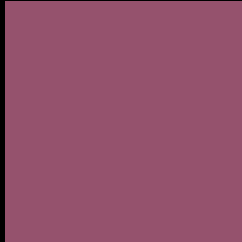
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1720, 13.5283, 16.1214 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 18.1720, 13.5283, 16.1214

Background



This preview shows how black text looks on a background with the XYZ color 18.1720, 13.5283, 16.1214.



This preview shows how white text looks on a background with the XYZ color 18.1720, 13.5283,

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

18.1720, 13.5283, 16.1214

Protanopia

13.6186, 13.8150, 20.3611

Deuteranopia

13.8408, 13.5997, 15.5312



Tritanopia

17.2129, 13.4728, 11.8185

Trichromacy



Original Color

18.1720, 13.5283, 16.1214

Protanomaly

14.7743, 13.3203, 18.6220

Deuteranomaly

15.0256, 13.2502, 15.6755

Tritanomaly

17.5877, 13.5184, 13.2376

Monochromacy



Original Color

18.1720, 13.5283, 16.1214

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.7614, 13.6549, 15.4933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1720, 13.5283, 16.1214 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(149, 82, 109)` looks like.

```
.text, #text, p{  
    color:rgb(149, 82, 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(149, 82, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 82, 109) }
```

Border

The CSS property to change the border of an element to XYZ 18.1720, 13.5283, 16.1214 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(149, 82, 109) }
```


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

```
.border{ border-color:rgb(149, 82, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 82, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 82, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 82, 109);  
box-shadow:4px 4px 4px 4px rgb(149, 82,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1720, 13.5283, 16.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 82, 109) }
```

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

```
.background{ background-color: rgb(149, 82,  
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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