

Converting Colors

XYZ(18.1967, 13.1578, 22.3543)

Have a look what the booklet for
XYZ(18.1967, 13.1578, 22.3543)
contains.

XYZ(18.1588, 13.1619, 22.3523)	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(18.1588, 13.1619,
22.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5081
RGB	143, 80, 129
RGB Percent	56%, 31%, 51%
CMY	0.4392, 0.6863, 0.4941
CMYK	0.00, 0.44, 0.10, 0.44
HSL	313°, 28%, 44%
HSV	313°, 44%, 56%
XYZ	18.1588, 13.1619, 22.3523
YIQ	104.4230, 21.8190, 28.5950

Conversions

Conversions Part 2

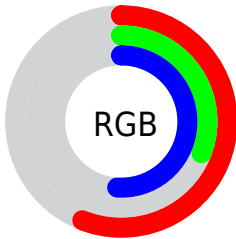
Format	Color
R_{YB}	143, 80, 129
Decimal	9392257
CIE _{Lab}	43.01, 33.64, -16.25
CIE _{LCh}	43, 37.355, 334.218
Yxy	13.1619, 0.3383, 0.2452
Android (android.graphics.Color)	4287582337 (0xFF8F5081)
YUV	104.4230, 12.1165, 33.8320
Hunter-Lab	36.2793, 25.8553, -11.1340

Details

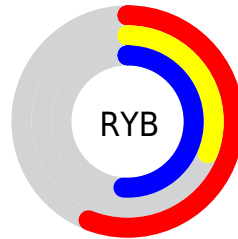
The XYZ color **18.1588, 13.1619, 22.3523** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.1517, 22.1590, 14.0691**, and the grayscale version is **13.2362, 13.9256, 15.1649**.

A 20% lighter version of the original color is **39.8485, 31.6158, 48.2582**, and **6.2789, 3.8364, 7.9990** is the 20% darker color. If you saturate the color by 10%, you get **17.0132, 11.2033, 20.9444**, and if you desaturate by 10%, it is **19.5347, 15.5700, 23.8696**.

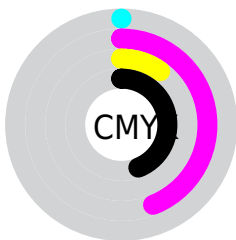
Distribution



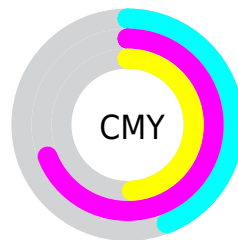
- Red (56%)
- Green (31%)
- Blue (51%)



- Red (56%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1588, 13.1619, 22.3523 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 18.1588, 13.1619, 22.3523 by changing the saturation by 10% instead.

18.1588, 13.1619,
22.3523

18.1588, 13.1619,
22.3523

234.7929,
211.9527, 277.3939

11.1644, 7.5401,
13.9152

39.8357, 31.5943,
48.2372

6.2457, 3.8021,
7.9236

55.2489, 45.1738,
66.5221

3.0371, 1.5635,
3.9591

74.1992, 62.1746,
88.9267

1.1734, 0.3328,
1.6029

97.0518, 82.9811,
115.8695

0.0852, 0.0000,
0.2929

124.1721,
107.9778, 147.7691

0.0000, 0.0000,
0.0000

155.9255,

137.5491, 185.0440

192.6773,
172.0792, 228.1127

■ 18.1588, 13.1619,
22.3523

■ 18.1588, 13.1619,
22.3523

■ 17.0132, 11.2033,
20.9444

■ 19.5347, 15.5700,
23.8696

■ 16.0823, 9.6639,
19.6401

■ 21.1526, 18.4519,
25.5002

■ 15.3505, 8.5124,
18.4340


■ 23.0251, 21.8322,
27.2486


■ 14.7995, 7.7124,
17.3197


■ 25.1634, 25.7333,
29.1189

■ 14.4070, 7.2190,
16.2895


■ 27.5781, 30.1764,
31.1149

 14.2093, 6.9923,
15.7035

 30.2791, 35.1811,
33.2402

 33.2760, 40.7666,
35.4981

 36.5778, 46.9506,
37.8920

 40.1931, 53.7505,
40.4251

Harmonies

Analogous

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



15.8728, 13.1619, 31.7495



18.1588, 13.1619, 22.3523



18.8517, 13.1619, 13.2010

Triad

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



18.1588, 13.1619, 22.3523



12.1089, 13.1619, 3.6489



8.4831, 13.1619, 25.1676

Complementary

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



18.1588, 13.1619, 22.3523



15.1517, 22.1590, 14.0691

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.



7.7787, 13.1619, 15.5238



18.1588, 13.1619, 22.3523



9.6592, 13.1619, 4.8396

Square

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



18.1588, 13.1619, 22.3523



15.0639, 13.1619, 4.2981



8.1740, 13.1619, 8.5030



10.2624, 13.1619, 33.7639

Rectangle

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



18.1588, 13.1619, 22.3523



18.2404, 13.1619, 8.7818



8.1740, 13.1619, 8.5030



8.1263, 13.1619, 21.8311

Sweetspot

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



18.1592, 13.1625, 22.3526



41.5149, 39.6080, 49.0505



12.4074, 10.0824, 27.2791



9.3545, 8.7822, 11.0985



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.1592, 13.1625, 22.3526



30.4553, 20.0424, 37.4917



16.3944, 12.4566, 13.0591



5.5757, 5.4908, 6.5294



12.5715, 6.1856, 13.9269



0.1284, 0.0624, 0.1761

Inverse Universe

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



18.1592, 13.1625, 22.3526



30.4553, 20.0424, 37.4917



16.8425, 22.8353, 22.9728



5.5757, 5.4908, 6.5294



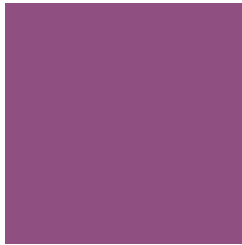
12.5715, 6.1856, 13.9269



0.1284, 0.0624, 0.1761

Previews

White Background



This preview shows how the XYZ color 18.1588, 13.1619, 22.3523 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 18.1588, 13.1619, 22.3523 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 18.1588, 13.1619, 22.3523

Background



This preview shows how black text looks on a background with the XYZ color 18.1588, 13.1619, 22.3523.



This preview shows how white text looks on a background with the XYZ color 18.1588, 13.1619,

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

18.1588, 13.1619, 22.3523

Protanopia

13.7122, 13.3957, 28.2485

Deuteranopia

13.5144, 13.3043, 21.2577



Tritanopia

16.0760, 13.1135, 12.2735

Trichromacy



Original Color

18.1588, 13.1619, 22.3523

Protanomaly

14.7589, 12.8809, 26.1345

Deuteranomaly

14.8827, 13.0481, 21.4728

Tritanomaly

16.6394, 12.9776, 15.5379

Monochromacy



Original Color

18.1588, 13.1619, 22.3523

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.5441, 13.2282, 17.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1588, 13.1619, 22.3523 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(143, 80, 129)` looks like.

```
.text, #text, p{  
    color:rgb(143, 80, 129)  
}
```

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(143, 80, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 80, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.1588, 13.1619, 22.3523 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(143, 80, 129) }
```


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

```
.border{ border-color:rgb(143, 80, 129) }
```

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

Here you see how a box with a 4 pixel rgb(143, 80, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 80, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 80, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 80,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1588, 13.1619, 22.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 80, 129) }
```

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

```
.background{ background-color: rgb(143, 80,  
129) }
```

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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