

Converting Colors

XYZ(18.1901, 15.9956, 21.8674)

Have a look what the booklet for
XYZ(18.1901, 15.9956, 21.8674)
contains.

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Color

**XYZ(18.1901, 15.9956,
21.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	85667E
RGB	133, 102, 126
RGB Percent	52%, 40%, 49%
CMY	0.4784, 0.6000, 0.5059
CMYK	0.00, 0.23, 0.05, 0.48
HSL	314°, 13%, 46%
HSV	314°, 23%, 52%
XYZ	18.1901, 15.9956, 21.8674
YIQ	114.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

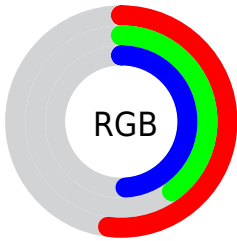
Format	Color
R_{YB}	133, 102, 126
Decimal	8742526
CIE _{Lab}	46.97, 16.72, -8.56
CIE _{LCh}	47, 18.784, 332.902
Yxy	15.9956, 0.3245, 0.2854
Android (android.graphics.Color)	4286932606 (0xFF85667E)
YUV	114.0050, 5.9135, 16.6586
Hunter-Lab	39.9945, 11.1941, -4.4213

Details

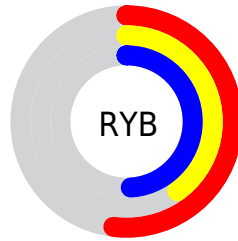
The XYZ color **18.1901, 15.9956, 21.8674** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.6279, 20.7044, 17.5888**, and the grayscale version is **15.9766, 16.8087, 18.3046**.

A 20% lighter version of the original color is **39.7776, 36.4762, 47.5919**, and **6.2730, 5.1072, 7.6763** is the 20% darker color. If you saturate the color by 10%, you get **16.7957, 13.5120, 20.4608**, and if you desaturate by 10%, it is **19.8010, 18.9024, 23.3752**.

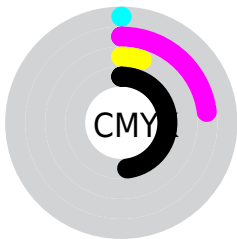
Distribution



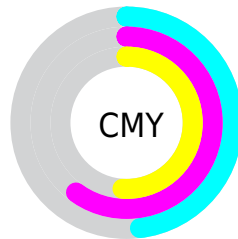
- Red (52%)
- Green (40%)
- Blue (49%)



- Red (52%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1901, 15.9956, 21.8674 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 18.1901, 15.9956, 21.8674 by changing the saturation by 10% instead.

■ 18.1901, 15.9956,
21.8674

■ 18.1901, 15.9956,
21.8674

234.9653,
229.3158, 274.7839

■ 11.1871, 9.5210,
13.5621

■ 39.8885, 36.5906,
47.4261

■ 6.2610, 5.0826,
7.6815

■ 55.3146, 51.4798,
65.5166

■ 3.0466, 2.2958,
3.8070

■ 74.2792, 69.9426,
87.7060

■ 1.1785, 0.7715,
1.5201

■ 97.1474, 92.3635,
114.4127

■ 0.0893, 0.0000,
0.2328

124.2848,
119.1269, 146.0553

■ 0.0000, 0.0000,
0.0000

156.0567,

150.6172, 183.0523

192.8284,
187.2186, 225.8223

■ 18.1901, 15.9956,
21.8674

■ 18.1901, 15.9956,
21.8674

■ 16.7957, 13.5120,
20.4608

■ 19.8010, 18.9024,
23.3752

■ 15.6062, 11.4295,
19.1509

■ 21.6364, 22.2489,
24.9866

■ 14.6115, 9.7272,
17.9340

■ 23.7055, 26.0534,
26.7051

■ 13.7996, 8.3814,
16.8061

■ 26.0167, 30.3324,
28.5338

■ 13.1572, 7.3658,
15.7624

■ 28.5778, 35.1017,
30.4754

■ 12.6695, 6.6505,
14.7977

■ 31.3964, 40.3763,
32.5328

■ 12.3182, 6.1993,
13.9056

■ 34.4797, 46.1706,
34.7086

■ 12.1194, 5.9652,
13.3357

■ 37.8347, 52.4983,
37.0052

■ 41.4680, 59.3728,
39.4253

Harmonies

Analogous

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



16.9833, 15.9956, 26.1625



18.1901, 15.9956, 21.8674



18.5788, 15.9956, 16.9627

Triad

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



18.1901, 15.9956, 21.8674



15.0441, 15.9956, 9.8582



12.7041, 15.9956, 22.8032

Complementary

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



18.1901, 15.9956, 21.8674



16.6279, 20.7044, 17.5888

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.



12.2637, 15.9956, 17.8783



18.1901, 15.9956, 21.8674



13.5523, 15.9956, 10.8756

Square

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



18.1901, 15.9956, 21.8674



16.6870, 15.9956, 10.5446



12.5628, 15.9956, 13.6146



13.8104, 15.9956, 26.7676

Rectangle

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



18.1901, 15.9956, 21.8674



18.3004, 15.9956, 14.1300



12.5628, 15.9956, 13.6146



12.4770, 15.9956, 21.1768

Sweetspot

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



18.1906, 15.9963, 21.8677



37.4311, 37.4386, 43.6114



15.2575, 14.4302, 24.1717



8.3989, 8.3727, 9.7956



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.



18.1906, 15.9963, 21.8677



31.1970, 26.1828, 37.7954



17.2821, 15.6329, 17.0837



4.8141, 4.7453, 5.6333



11.5470, 5.6831, 12.7187



0.0427, 0.0208, 0.0584

Inverse Universe

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



18.1906, 15.9963, 21.8677



31.1970, 26.1828, 37.7954



17.5193, 21.0610, 22.2829



4.8141, 4.7453, 5.6333



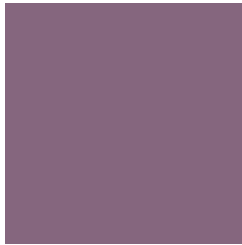
11.5470, 5.6831, 12.7187



0.0427, 0.0208, 0.0584

Previews

White Background



This preview shows how the XYZ color 18.1901, 15.9956, 21.8674 looks on a white background.

Color Contrast Check

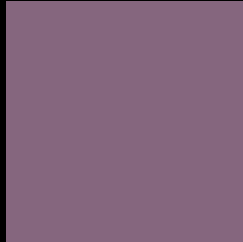
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1901, 15.9956, 21.8674 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 18.1901, 15.9956, 21.8674

Background



This preview shows how black text looks on a background with the XYZ color 18.1901, 15.9956, 21.8674.



This preview shows how white text looks on a background with the XYZ color 18.1901, 15.9956,

21.8674.

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

18.1901, 15.9956, 21.8674

Protanopia

15.9127, 16.1606, 24.1104

Deuteranopia

16.3728, 16.1310, 21.6527



Tritanopia

17.2350, 15.8958, 17.4890

Trichromacy



Original Color

18.1901, 15.9956, 21.8674

Protanomaly

16.5943, 16.0498, 23.3424

Deuteranomaly

16.8817, 15.9263, 21.5864

Tritanomaly

17.5769, 15.8904, 18.9704

Monochromacy



Original Color

18.1901, 15.9956, 21.8674

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.7311, 16.5248, 19.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1901, 15.9956, 21.8674 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(133, 102, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 102, 126)  
}
```

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(133, 102, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 102, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.1901, 15.9956, 21.8674 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(133, 102, 126) }
```


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

```
.border{ border-color:rgb(133, 102, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 102, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 102, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 102, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 102,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1901, 15.9956, 21.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 102, 126) }
```

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

```
.background{ background-color: rgb(133,  
102, 126) }
```

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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