

Converting Colors

XYZ(19.0448, 15.6774, 31.0320)

Have a look what the booklet for
XYZ(19.0448, 15.6774, 31.0320)
contains.

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Color

**XYZ(19.0786, 15.6832,
30.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	826296
RGB	130, 98, 150
RGB Percent	51%, 38%, 59%
CMY	0.4902, 0.6157, 0.4118
CMYK	0.13, 0.35, 0.00, 0.41
HSL	277°, 21%, 49%
HSV	277°, 35%, 59%
XYZ	19.0786, 15.6832, 30.8758
YIQ	113.4960, 2.3800, 22.9560

Conversions

Conversions Part 2

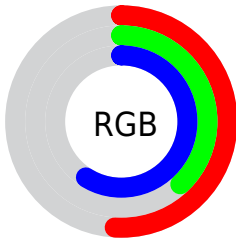
Format	Color
R_{YB}	130, 98, 150
Decimal	8544918
CIE _{Lab}	46.56, 23.12, -23.54
CIE _{LCh}	47, 32.994, 314.481
Yxy	15.6832, 0.2907, 0.2389
Android (android.graphics.Color)	4286734998 (0xFF826296)
YUV	113.4960, 17.9965, 14.4740
Hunter-Lab	39.6020, 16.6903, -18.5042

Details

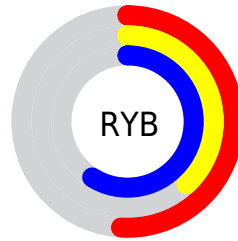
The XYZ color **19.0786, 15.6832, 30.8758** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.5827, 26.5465, 15.5952**, and the grayscale version is **15.7915, 16.6139, 18.0925**.

A 20% lighter version of the original color is **41.4137, 36.0449, 61.9014**, and **6.7442, 4.9740, 12.4090** is the 20% darker color. If you saturate the color by 10%, you get **16.9443, 12.6914, 30.4111**, and if you desaturate by 10%, it is **21.5266, 19.2280, 31.4312**.

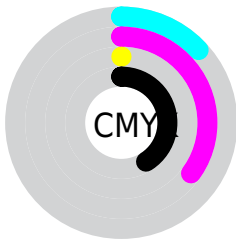
Distribution



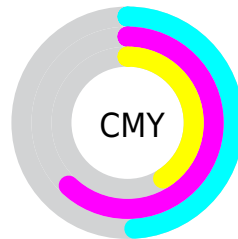
- Red (51%)
- Green (38%)
- Blue (59%)



- Red (51%)
- Yellow (38%)
- Blue (59%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0786, 15.6832, 30.8758 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 19.0786, 15.6832, 30.8758 by changing the saturation by 10% instead.

■ 19.0786, 15.6832,
30.8758

■ 19.0786, 15.6832,
30.8758

239.8121,
227.4650, 320.2992

■ 11.8314, 9.3003,
20.2466

■ 41.3827, 36.0473,
62.1218

■ 6.7004, 4.9375,
12.3886

■ 57.1704, 50.7973,
83.5756

■ 3.3201, 2.2107,
6.8832

■ 76.5356, 69.1051,
109.4748

■ 1.3252, 0.7258,
3.3118

■ 99.8437, 91.3551,
140.2378

■ 0.2020, 0.0000,
1.2560

127.4600,
117.9317, 176.2832

■ 0.0000, 0.0000,
0.0253

159.7500,

■ 0.0000, 0.0000,

149.2193, 218.0296

0.0000

197.0789,
185.6023, 265.8954

■ 19.0786, 15.6832,
30.8758

■ 19.0786, 15.6832,
30.8758

■ 16.9443, 12.6914,
30.4111

■ 21.5266, 19.2280,
31.4312

■ 15.1065, 10.2206,
30.0310

■ 24.3012, 23.3513,
32.0809

■ 13.5489, 8.2389,
29.7306

■ 27.4162, 28.0796,
32.8293

■ 12.2525, 6.7095,
29.5037

■ 30.8842, 33.4368,
33.6806

■ 11.1956, 5.5905,
29.3434

■ 34.7172, 39.4458,
34.6384

10.3513, 4.8293,
29.2410

38.9266, 46.1282,
35.7064

9.9494, 4.4932,
29.1973

43.5231, 53.5047,
36.8880

48.5172, 61.5949,
38.1863

53.9188, 70.4178,
39.6046

Harmonies

Analogous

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



16.3170, 15.6832, 37.1880



19.0786, 15.6832, 30.8758



20.8250, 15.6832, 21.6221

Triad

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



19.0786, 15.6832, 30.8758



16.4190, 15.6832, 5.9898



10.2111, 15.6832, 21.3024

Complementary

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



19.0786, 15.6832, 30.8758



20.5827, 26.5465, 15.5952

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.



10.2311, 15.6832, 13.2170



19.0786, 15.6832, 30.8758



13.5796, 15.6832, 5.9533

Square

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



19.0786, 15.6832, 30.8758



19.1614, 15.6832, 8.2813



11.3917, 15.6832, 8.1579



11.3331, 15.6832, 30.5786

Rectangle

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



19.0786, 15.6832, 30.8758



21.0543, 15.6832, 15.8811



11.3917, 15.6832, 8.1579



10.0895, 15.6832, 18.3301

Sweetspot

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



19.0791, 15.6839, 30.8761



45.2663, 44.8032, 57.1833



17.1157, 17.9454, 31.4162



9.8794, 9.6985, 12.6361



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.



19.0791, 15.6839, 30.8761



30.5547, 23.2969, 53.8076



22.0412, 17.2582, 28.8771



5.8214, 5.7989, 7.2822



8.2883, 3.7453, 24.2171



0.1345, 0.0629, 0.2979

Inverse Universe

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



20.2159, 16.5281, 19.2650



33.0476, 25.1254, 29.3777



18.4021, 25.3931, 16.8168



5.8876, 5.8501, 6.5143



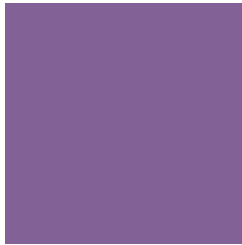
11.0734, 5.6344, 3.8676



0.1492, 0.0744, 0.1192

Previews

White Background



This preview shows how the XYZ color 19.0786, 15.6832, 30.8758 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 19.0786, 15.6832, 30.8758 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 19.0786, 15.6832, 30.8758

Background



This preview shows how black text looks on a background with the XYZ color 19.0786, 15.6832, 30.8758.



This preview shows how white text looks on a background with the XYZ color 19.0786, 15.6832,

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

19.0786, 15.6832, 30.8758

Protanopia

16.4460, 15.8734, 34.9980

Deuteranopia

16.1808, 15.8421, 30.2220



Tritanopia

16.4010, 15.6031, 18.0669

Trichromacy



Original Color

19.0786, 15.6832, 30.8758

Protanomaly

17.2367, 15.6916, 33.5728

Deuteranomaly

17.1585, 15.7178, 30.5633

Tritanomaly

17.1863, 15.4707, 22.1590

Monochromacy



Original Color

19.0786, 15.6832, 30.8758

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7362, 16.1534, 21.9745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0786, 15.6832, 30.8758 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(130, 98, 150)` looks like.

```
.text, #text, p{  
    color:rgb(130, 98, 150)  
}
```

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(130, 98, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 98, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.0786, 15.6832, 30.8758 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(130, 98, 150) }
```


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

```
.border{ border-color:rgb(130, 98, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 98, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 98, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 98, 150);  
box-shadow:4px 4px 4px 4px rgb(130, 98,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0786, 15.6832, 30.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 98, 150) }
```

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

```
.background{ background-color: rgb(130, 98,  
150) }
```

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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