

Converting Colors

XYZ(19.2539, 16.8323, 31.2787)

Have a look what the booklet for
XYZ(19.2539, 16.8323, 31.2787)
contains.

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Color

**XYZ(19.1608, 16.7408,
31.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6996
RGB	126, 105, 150
RGB Percent	49%, 41%, 59%
CMY	0.5059, 0.5882, 0.4118
CMYK	0.16, 0.30, 0.00, 0.41
HSL	268°, 18%, 50%
HSV	268°, 30%, 59%
XYZ	19.1608, 16.7408, 31.0756
YIQ	116.4090, -1.9290, 18.4470

Conversions

Conversions Part 2

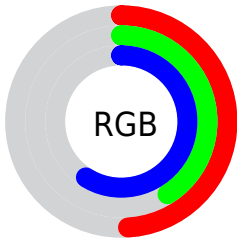
Format	Color
R_{YB}	126, 105, 150
Decimal	8284566
CIE _{Lab}	47.93, 17.61, -21.45
CIE _{LCh}	48, 27.753, 309.380
Yxy	16.7408, 0.2861, 0.2499
Android (android.graphics.Color)	4286474646 (0xFF7E6996)
YUV	116.4090, 16.5604, 8.4113
Hunter-Lab	40.9155, 11.9897, -16.3903

Details

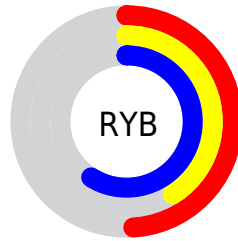
The XYZ color **19.1608, 16.7408, 31.0756** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.5100, 27.5002, 17.4870**, and the grayscale version is **16.6776, 17.5462, 19.1078**.

A 20% lighter version of the original color is **41.3780, 37.7203, 62.2266**, and **6.7457, 5.4635, 12.5034** is the 20% darker color. If you saturate the color by 10%, you get **16.6329, 13.3665, 30.5578**, and if you desaturate by 10%, it is **22.0537, 20.7041, 31.6884**.

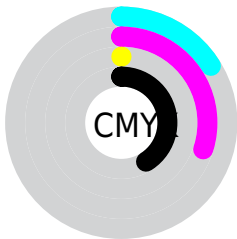
Distribution



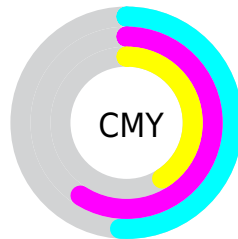
- Red (49%)
- Green (41%)
- Blue (59%)



- Red (49%)
- Yellow (41%)
- Blue (59%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (59%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1608, 16.7408, 31.0756 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 19.1608, 16.7408, 31.0756 by changing the saturation by 10% instead.

■ 19.1608, 16.7408,
31.0756

■ 19.1608, 16.7408,
31.0756

240.2561,
233.6742, 321.2484

■ 11.8912, 10.0499,
20.3975

■ 41.5204, 37.8796,
62.4400

■ 6.7413, 5.4320,
12.4974

■ 57.3412, 53.0962,
83.9635

■ 3.3457, 2.5029,
6.9567

■ 76.7430, 71.9235,
109.9390

■ 1.3391, 0.8781,
3.3570

■ 100.0913, 94.7459,
140.7853

■ 0.2122, 0.0000,
1.2797

127.7514,
121.9478, 176.9209

■ 0.0000, 0.0000,
0.0451

160.0887,

■ 0.0000, 0.0000,

153.9135, 218.7642

0.0000

197.4685,
191.0276, 266.7339

■ 19.1608, 16.7408,
31.0756

■ 19.1608, 16.7408,
31.0756

■ 16.6329, 13.3665,
30.5578

■ 22.0537, 20.7041,
31.6884

■ 14.4519, 10.5496,
30.1290

■ 25.3251, 25.2817,
32.3995

■ 12.6007, 8.2589,
29.7844

■ 28.9899, 30.4999,
33.2136

■ 11.0598, 6.4587,
29.5182

■ 33.0617, 36.3827,
34.1345

■ 9.8072, 5.1092,
29.3237

■ 37.5533, 42.9531,
35.1660

■ 8.8179, 4.1635,
29.1933

■ 42.4770, 50.2326,
36.3115

■ 8.0309, 3.5042,
29.1076

■ 47.8445, 58.2422,
37.5747

■ 8.0308, 3.5041,
29.1075

■ 53.6671, 67.0018,
38.9585

■ 59.9556, 76.5304,
40.4663

Harmonies

Analogous

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



16.7081, 16.7408, 35.4659



19.1608, 16.7408, 31.0756



20.8485, 16.7408, 23.5193

Triad

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



19.1608, 16.7408, 31.0756



17.6654, 16.7408, 8.1398



11.6241, 16.7408, 20.5651

Complementary

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



19.1608, 16.7408, 31.0756



22.5100, 27.5002, 17.4870

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.



11.8230, 16.7408, 13.7963



19.1608, 16.7408, 31.0756



15.1409, 16.7408, 7.7388

Square

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



19.1608, 16.7408, 31.0756



19.9244, 16.7408, 10.8137



13.0522, 16.7408, 9.5224



12.4774, 16.7408, 28.4329

Rectangle

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



19.1608, 16.7408, 31.0756



21.2192, 16.7408, 18.3773



13.0522, 16.7408, 9.5224



11.5723, 16.7408, 18.0793

Sweetspot

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



19.1614, 16.7415, 31.0760



45.1973, 45.3292, 57.2885



19.2807, 21.1047, 31.9119



9.8357, 9.7904, 12.6562



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.



19.1614, 16.7415, 31.0760



30.7516, 25.4363, 54.2102



22.7246, 18.5784, 31.2427



5.7414, 5.7577, 7.2785



6.6970, 2.9250, 24.1426



0.1155, 0.0531, 0.2971

Inverse Universe

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



21.5922, 18.1729, 23.1392



35.8629, 28.4480, 37.4311



19.5502, 25.9744, 17.3485



5.9223, 5.8640, 6.6970



11.6489, 5.8646, 6.8983



0.1575, 0.0777, 0.1629

Previews

White Background



This preview shows how the XYZ color 19.1608, 16.7408, 31.0756 looks on a white background.

Color Contrast Check

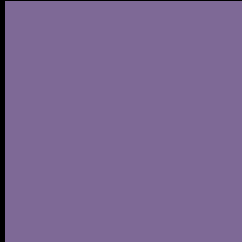
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1608, 16.7408, 31.0756 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 19.1608, 16.7408, 31.0756

Background



This preview shows how black text looks on a background with the XYZ color 19.1608, 16.7408, 31.0756.



This preview shows how white text looks on a background with the XYZ color 19.1608, 16.7408,

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

19.1608, 16.7408, 31.0756

Protanopia

17.1617, 16.7553, 33.7821

Deuteranopia

17.1628, 16.8224, 30.7762



Tritanopia

16.9598, 16.7899, 20.1162

Trichromacy



Original Color

19.1608, 16.7408, 31.0756

Protanomaly

17.7318, 16.5854, 32.8386

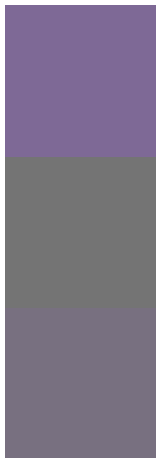
Deuteranomaly

17.7035, 16.6179, 30.7083

Tritanomaly

17.7338, 16.7869, 23.7783

Monochromacy



Original Color

19.1608, 16.7408, 31.0756

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4362, 17.1399, 22.8114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1608, 16.7408, 31.0756 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(126, 105, 150)` looks like.

```
.text, #text, p{  
    color:rgb(126, 105, 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(126, 105, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 105, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.1608, 16.7408, 31.0756 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(126, 105, 150) }
```


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

```
.border{ border-color:rgb(126, 105, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 105, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 105, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 105, 150);  
box-shadow:4px 4px 4px 4px rgb(126, 105,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1608, 16.7408, 31.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 105, 150) }
```

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

```
.background{ background-color: rgb(126,  
105, 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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