

Converting Colors

XYZ(19.3143, 17.0242, 31.5463)

Have a look what the booklet for
XYZ(19.3143, 17.0242, 31.5463)
contains.

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Color

**XYZ(19.3441, 16.9781,
31.5357)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6A97
RGB	126, 106, 151
RGB Percent	49%, 42%, 59%
CMY	0.5059, 0.5843, 0.4078
CMYK	0.17, 0.30, 0.00, 0.41
HSL	267°, 18%, 50%
HSV	267°, 30%, 59%
XYZ	19.3441, 16.9781, 31.5357
YIQ	117.1100, -2.5250, 18.2350

Conversions

Conversions Part 2

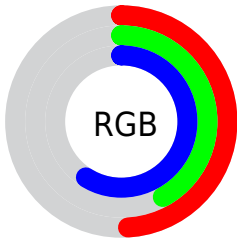
Format	Color
RYB	126, 106, 151
Decimal	8284823
CIELab	48.23, 17.24, -21.58
CIELCh	48, 27.623, 308.627
Yxy	16.9781, 0.2851, 0.2502
Android (android.graphics.Color)	4286474903 (0xFF7E6A97)
YUV	117.1100, 16.7078, 7.7965
Hunter-Lab	41.2045, 11.6918, -16.5342

Details

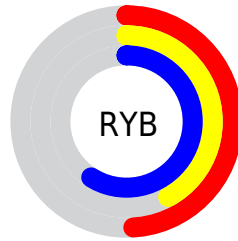
The XYZ color **19.3441, 16.9781, 31.5357** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0289, 27.9996, 17.8272**, and the grayscale version is **16.8935, 17.7733, 19.3551**.

A 20% lighter version of the original color is **41.6668, 38.1054, 62.9166**, and **6.8447, 5.5845, 12.7738** is the 20% darker color. If you saturate the color by 10%, you get **16.7374, 13.5244, 31.0067**, and if you desaturate by 10%, it is **22.3297, 21.0347, 32.1616**.

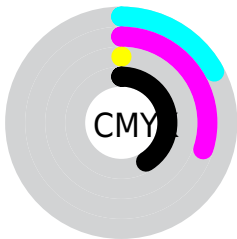
Distribution



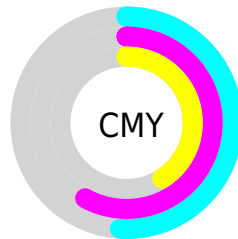
- Red (49%)
- Green (42%)
- Blue (59%)



- Red (49%)
- Yellow (42%)
- Blue (59%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (41%)



- Cyan (51%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3441, 16.9781, 31.5357 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 19.3441, 16.9781, 31.5357 by changing the saturation by 10% instead.

■ 19.3441, 16.9781,
31.5357

■ 19.3441, 16.9781,
31.5357

241.2437,
235.0461, 323.4260

■ 12.0247, 10.2189,
20.7452

■ 41.8271, 38.2881,
63.1719

■ 6.8328, 5.5443,
12.7485

■ 57.7214, 53.6077,
84.8548

■ 3.4031, 2.5700,
7.1269

■ 77.2047, 72.5495,
111.0055

■ 1.3704, 0.9116,
3.4619

■ 100.6424, 95.4980,
142.0426

■ 0.2350, 0.0000,
1.3351

128.3998,
122.8375, 178.3847

■ 0.0000, 0.0000,
0.0903

160.8422,

■ 0.0000, 0.0000,

154.9524, 220.4503

0.0000

198.3350,
192.2272, 268.6579

■ 19.3441, 16.9781,
31.5357

■ 19.3441, 16.9781,
31.5357

■ 16.7374, 13.5244,
31.0067

■ 22.3297, 21.0347,
32.1616

■ 14.4909, 10.6415,
30.5687

■ 25.7083, 25.7200,
32.8879

■ 12.5871, 8.2973,
30.2166

■ 29.4953, 31.0608,
33.7192

■ 11.0056, 6.4557,
29.9444

■ 33.7046, 37.0818,
34.6595

■ 9.7241, 5.0759,
29.7457

■ 38.3496, 43.8063,
35.7126

■ 8.7165, 4.1104,
29.6124

■ 43.4430, 51.2564,
36.8822

■ 7.9230, 3.4440,
29.5256

■ 48.9969, 59.4535,
38.1717

■ 7.9081, 3.4315,
29.5240

■ 55.0230, 68.4178,
39.5843

■ 61.5326, 78.1689,
41.1234

Harmonies

Analogous

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



16.8726, 16.9781, 35.8130



19.3441, 16.9781, 31.5357



21.0660, 16.9781, 23.9997

Triad

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



19.3441, 16.9781, 31.5357



17.9622, 16.9781, 8.3649



11.8173, 16.9781, 20.6399

Complementary

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



19.3441, 16.9781, 31.5357



23.0289, 27.9996, 17.8272

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.



12.0442, 16.9781, 13.8894



19.3441, 16.9781, 31.5357



15.4234, 16.9781, 7.9051

Square

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



19.3441, 16.9781, 31.5357



20.2124, 16.9781, 11.1257



13.3058, 16.9781, 9.6485



12.6502, 16.9781, 28.5360

Rectangle

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



19.3441, 16.9781, 31.5357



21.4636, 16.9781, 18.8196



13.3058, 16.9781, 9.6485



11.7740, 16.9781, 18.1568

Sweetspot

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



19.3447, 16.9788, 31.5361



46.4387, 46.6188, 58.9844



19.7140, 21.6665, 32.4214



10.3575, 10.3197, 13.3635



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3447, 16.9788, 31.5361



31.3416, 26.0134, 55.8029



22.9532, 18.8391, 31.7050



6.1320, 6.1539, 7.7936



6.7595, 2.9357, 25.1181



0.1420, 0.0650, 0.3774

Inverse Universe

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



22.0139, 18.5269, 23.8895



37.0597, 29.3329, 39.2751



19.9754, 26.4255, 17.6843



6.3452, 6.2772, 7.1980



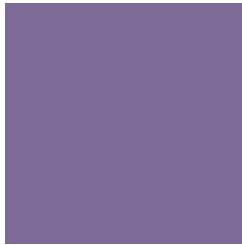
12.2297, 6.1461, 7.7344



0.2011, 0.0992, 0.2120

Previews

White Background



This preview shows how the XYZ color 19.3441, 16.9781, 31.5357 looks on a white background.

Color Contrast Check

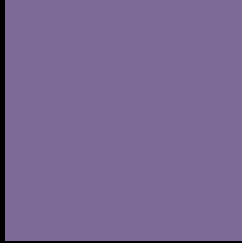
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3441, 16.9781, 31.5357 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 19.3441, 16.9781, 31.5357

Background



This preview shows how black text looks on a background with the XYZ color 19.3441, 16.9781, 31.5357.



This preview shows how white text looks on a background with the XYZ color 19.3441, 16.9781,

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

19.3441, 16.9781, 31.5357

Protanopia

17.3854, 17.0353, 33.8243

Deuteranopia

17.4736, 17.1381, 31.2412



Tritanopia

17.1305, 17.0338, 20.4741

Trichromacy



Original Color

19.3441, 16.9781, 31.5357

Protanomaly

17.9642, 16.8645, 32.8802

Deuteranomaly

18.0204, 16.9313, 31.1724

Tritanomaly

17.9092, 17.0288, 24.1728

Monochromacy



Original Color

19.3441, 16.9781, 31.5357

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6133, 17.3883, 23.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3441, 16.9781, 31.5357 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, 106, 151)` looks like.

```
.text, #text, p{  
    color:rgb(126, 106, 151)  
}
```

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, 106, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 106, 151) }
```

Border

The CSS property to change the border of an element to XYZ 19.3441, 16.9781, 31.5357 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, 106, 151) }
```


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

```
.border{ border-color:rgb(126, 106, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 106, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 106, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 106, 151);  
box-shadow:4px 4px 4px 4px rgb(126, 106,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3441, 16.9781, 31.5357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 106, 151) }
```

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

```
.background{ background-color: rgb(126,  
106, 151) }
```

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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