

Converting Colors

XYZ(19.9069, 19.0946, 30.1405)

Have a look what the booklet for
XYZ(19.9069, 19.0946, 30.1405)
contains.

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Color

**XYZ(19.9399, 19.1142,
30.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7593
RGB	124, 117, 147
RGB Percent	49%, 46%, 58%
CMY	0.5137, 0.5412, 0.4235
CMYK	0.16, 0.20, 0.00, 0.42
HSL	254°, 12%, 52%
HSV	254°, 20%, 58%
XYZ	19.9399, 19.1142, 30.2422
YIQ	122.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

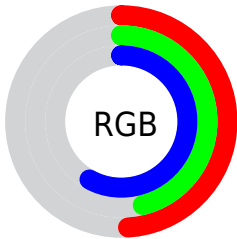
Format	Color
R_{YB}	124, 117, 147
Decimal	8156563
CIE Lab	50.82, 9.08, -15.28
CIE LCh	51, 17.776, 300.708
Yxy	19.1142, 0.2877, 0.2758
Android (android.graphics.Color)	4286346643 (0xFF7C7593)
YUV	122.5130, 12.0721, 1.3041
Hunter-Lab	43.7198, 4.9014, -10.4087

Details

The XYZ color **19.9399, 19.1142, 30.2422** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.4604, 27.7277, 20.8932**, and the grayscale version is **18.6299, 19.6001, 21.3445**.

A 20% lighter version of the original color is **42.8620, 41.9401, 61.0945**, and **7.1411, 6.5966, 11.9632** is the 20% darker color. If you saturate the color by 10%, you get **16.8232, 15.1618, 29.6439**, and if you desaturate by 10%, it is **23.5130, 23.7021, 30.9397**.

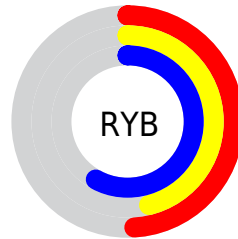
Distribution



Red (49%)

Green (46%)

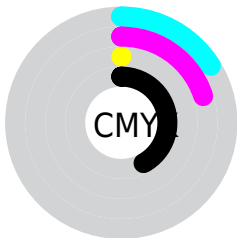
Blue (58%)



Red (49%)

Yellow (46%)

Blue (58%)

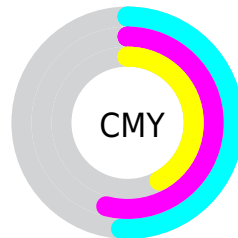


Cyan (16%)

Magenta (20%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9399, 19.1142, 30.2422 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 19.9399, 19.1142, 30.2422 by changing the saturation by 10% instead.

■ 19.9399, 19.1142,
30.2422

■ 19.9399, 19.1142,
30.2422

244.4293,
247.0785, 317.2742

■ 12.4594, 11.7528,
19.7689

■ 42.8211, 41.9270,
61.1105

■ 7.1318, 6.5756,
12.0448

■ 58.9525, 58.1472,
82.3426

■ 3.5917, 3.1981,
6.6513

■ 78.6982, 78.0891,
107.9980

■ 1.4738, 1.2360,
3.1698

102.4237,
102.1372, 138.4953

■ 0.3079, 0.0908,
1.1820

130.4941,
130.6757, 174.2531

■ 0.0000, 0.0000,
0.0000

163.2750,

164.0892, 215.6897

201.1316,
202.7620, 263.2239

■ 19.9399, 19.1142,
30.2422

■ 19.9399, 19.1142,
30.2422

■ 16.8232, 15.1618,
29.6439

■ 23.5130, 23.7021,
30.9397

■ 14.1422, 11.8143,
29.1391

■ 27.5583, 28.9496,
31.7394

■ 11.8776, 9.0421,
28.7233

■ 32.0931, 34.8824,
32.6455

■ 10.0076, 6.8120,
28.3914

■ 37.1332, 41.5242,
33.6619

■ 8.5083, 5.0875,
28.1376

■ 42.6939, 48.8976,
34.7920

■ 7.3532, 3.8274,
27.9552

■ 48.7895, 57.0239,
36.0393

■ 6.5119, 2.9838,
27.8368

■ 55.4341, 65.9238,
37.4069

■ 5.9360, 2.4517,
27.7644

■ 62.6410, 75.6172,
38.8981

■ 70.4232, 86.1232,
40.5158

Harmonies

Analogous

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



18.2091, 19.1142, 32.0075



19.9399, 19.1142, 30.2422



21.2618, 19.1142, 25.8902

Triad

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



19.9399, 19.1142, 30.2422



19.8634, 19.1142, 13.4903



15.0073, 19.1142, 20.9313

Complementary

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



19.9399, 19.1142, 30.2422



24.4604, 27.7277, 20.8932

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.



15.3889, 19.1142, 16.4456



19.9399, 19.1142, 30.2422



18.1260, 19.1142, 12.5891

Square

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



19.9399, 19.1142, 30.2422



21.2157, 19.1142, 16.2701



16.5033, 19.1142, 13.5796



15.4261, 19.1142, 26.1293

Rectangle

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



19.9399, 19.1142, 30.2422



21.6934, 19.1142, 22.4067



16.5033, 19.1142, 13.5796



15.0460, 19.1142, 19.2950

Sweetspot

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



19.9405, 19.1150, 30.2426



45.1058, 46.3246, 55.9988



22.0545, 24.7916, 31.2269



10.2027, 10.4532, 12.7647



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.



19.9405, 19.1150, 30.2426



33.3322, 31.2043, 53.7008



22.1925, 20.2759, 30.3480



5.6186, 5.6944, 7.2727



5.1654, 2.1354, 24.0710



0.0857, 0.0377, 0.2957

Inverse Universe

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



23.1281, 20.8198, 27.6113



40.0212, 34.7841, 48.0743



22.1758, 26.5499, 20.7863



5.9780, 5.8863, 6.9905



13.0110, 6.4095, 14.0710



0.1705, 0.0830, 0.2316

Previews

White Background



This preview shows how the XYZ color 19.9399, 19.1142, 30.2422 looks on a white 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

Black Background



This preview shows how the XYZ color 19.9399, 19.1142, 30.2422 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9399, 19.1142, 30.2422

Background



This preview shows how black text looks on a background with the XYZ color 19.9399, 19.1142, 30.2422.



This preview shows how white text looks on a background with the XYZ color 19.9399, 19.1142,

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

19.9399, 19.1142, 30.2422

Protanopia

19.0807, 19.1803, 31.1303

Deuteranopia

19.4906, 19.0565, 30.2548



Tritanopia

18.6309, 19.1096, 23.8257

Trichromacy



Original Color

19.9399, 19.1142, 30.2422

Protanomaly

19.4133, 19.1833, 30.6965

Deuteranomaly

19.6301, 19.1284, 30.2613

Tritanomaly

19.0668, 19.1088, 25.9760

Monochromacy



Original Color

19.9399, 19.1142, 30.2422

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1706, 19.5516, 24.5932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9399, 19.1142, 30.2422 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(124, 117, 147)` looks like.

```
.text, #text, p{  
    color:rgb(124, 117, 147)  
}
```

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(124, 117, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 117, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.9399, 19.1142, 30.2422 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(124, 117, 147) }
```


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

```
.border{ border-color:rgb(124, 117, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 117, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 117, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 117, 147);  
box-shadow:4px 4px 4px 4px rgb(124, 117,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9399, 19.1142, 30.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 117, 147) }
```

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

```
.background{ background-color: rgb(124,  
117, 147) }
```

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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