

Converting Colors

XYZ(19.3628, 19.2686, 32.9805)

Have a look what the booklet for
XYZ(19.3628, 19.2686, 32.9805)
contains.

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Color

**XYZ(19.4057, 19.3103,
32.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	727899
RGB	114, 120, 153
RGB Percent	45%, 47%, 60%
CMY	0.5529, 0.5294, 0.4000
CMYK	0.25, 0.22, 0.00, 0.40
HSL	231°, 16%, 52%
HSV	231°, 25%, 60%
XYZ	19.4057, 19.3103, 32.8415
YIQ	121.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

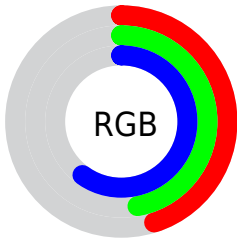
Format	Color
R_{YB}	114, 119, 153
Decimal	7501977
CIE _{Lab}	51.05, 5.42, -18.53
CIE _{LCh}	51, 19.303, 286.303
Yxy	19.3103, 0.2712, 0.2699
Android (android.graphics.Color)	4285692057 (0xFF727899)
YUV	121.9680, 15.2988, -6.9879
Hunter-Lab	43.9435, 1.9255, -13.5504

Details

The XYZ color **19.4057, 19.3103, 32.8415** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.6081, 28.8548, 20.0873**, and the grayscale version is **18.4437, 19.4042, 21.1312**.

A 20% lighter version of the original color is **41.9514, 42.2255, 64.9708**, and **6.8956, 6.7179, 13.5036** is the 20% darker color. If you saturate the color by 10%, you get **16.1265, 15.4631, 32.2721**, and if you desaturate by 10%, it is **23.2295, 23.7517, 33.4976**.

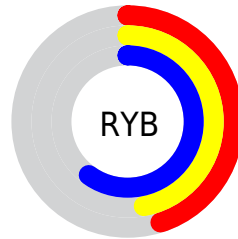
Distribution



Red (45%)

Green (47%)

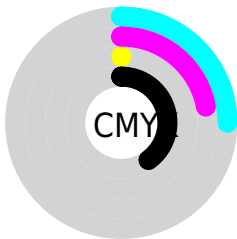
Blue (60%)



Red (45%)

Yellow (47%)

Blue (60%)

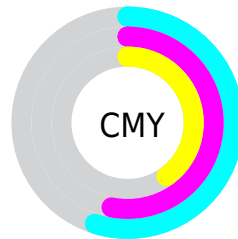


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4057, 19.3103, 32.8415 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 19.4057, 19.3103, 32.8415 by changing the saturation by 10% instead.

■ 19.4057, 19.3103,
32.8415

■ 19.4057, 19.3103,
32.8415

241.5747,
248.1565, 329.5450

■ 12.0695, 11.8947,
21.7349

■ 41.9301, 42.2578,
65.2411

■ 6.8636, 6.6720,
13.4658

■ 57.8491, 58.5585,
87.3713

■ 3.4225, 3.2578,
7.6156

■ 77.3597, 78.5896,
114.0131

■ 1.3809, 1.2678,
3.7658

100.8273,
102.7357, 145.5850

■ 0.2426, 0.1161,
1.4977

128.6172,
131.3810, 182.5056

■ 0.0000, 0.0000,
0.2162

161.0949,

■ 0.0000, 0.0000,

164.9099, 225.1935

0.0000

198.6256,
203.7070, 274.0671

■ 19.4057, 19.3103,
32.8415

■ 19.4057, 19.3103,
32.8415

■ 16.1265, 15.4631,
32.2721

■ 23.2295, 23.7517,
33.4976

■ 13.3653, 12.1824,
31.7844

■ 27.6195, 28.8088,
34.2423

■ 11.0956, 9.4420,
31.3750

■ 32.5982, 34.5048,
35.0793

■ 9.2880, 7.2123,
31.0399

■ 38.1863, 40.8610,
36.0117

■ 7.9101, 5.4610,
30.7745

■ 44.4037, 47.8977,
37.0422

■ 6.9248, 4.1521,
30.5738

■ 51.2691, 55.6345,
38.1737

■ 6.2850, 3.2420,
30.4319

■ 58.8007, 64.0899,
39.4088

■ 6.0671, 2.9345,
30.3840

■ 67.0158, 73.2820,
40.7501

■ 75.9312, 83.2280,
42.2000

Harmonies

Analogous

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



17.4967, 19.3103, 33.0086



19.4057, 19.3103, 32.8415



21.1433, 19.3103, 29.1738

Triad

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



19.4057, 19.3103, 32.8415



21.0136, 19.3103, 14.2929



15.0076, 19.3103, 18.6289

Complementary

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



19.4057, 19.3103, 32.8415



26.6081, 28.8548, 20.0873

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.



15.8212, 19.3103, 14.5563



19.4057, 19.3103, 32.8415



19.2386, 19.3103, 12.3629

Square

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



19.4057, 19.3103, 32.8415



22.1148, 19.3103, 18.2054



17.3407, 19.3103, 12.4501



15.0455, 19.3103, 24.1230

Rectangle

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



19.4057, 19.3103, 32.8415



21.9316, 19.3103, 25.5492



17.3407, 19.3103, 12.4501



15.1880, 19.3103, 17.0702

Sweetspot

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



19.4063, 19.3111, 32.8419



47.2632, 49.0655, 60.9515



23.5584, 28.4512, 31.6489



10.1863, 10.5466, 13.4163



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.



19.4063, 19.3111, 32.8419



31.0448, 30.2407, 58.1728



20.5200, 18.8471, 32.6937



5.9574, 6.1722, 7.8063



5.0310, 2.4587, 25.1171



0.0923, 0.0710, 0.3812

Inverse Universe

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



22.5449, 20.1636, 20.4739



37.7518, 32.1864, 31.7151



25.2442, 29.5732, 20.2979



6.2456, 6.2374, 6.6736



10.9982, 5.6535, 1.2496



0.1731, 0.0880, 0.0642

Previews

White Background



This preview shows how the XYZ color 19.4057, 19.3103, 32.8415 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 19.4057, 19.3103, 32.8415 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

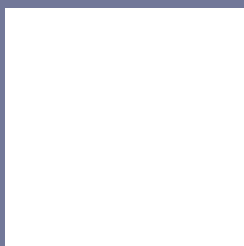
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4057, 19.3103, 32.8415

Background



This preview shows how black text looks on a background with the XYZ color 19.4057, 19.3103, 32.8415.



This preview shows how white text looks on a background with the XYZ color 19.4057, 19.3103,

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

19.4057, 19.3103, 32.8415

Protanopia

19.2763, 19.2436, 32.8354

Deuteranopia

19.6827, 19.2755, 32.8201



Tritanopia

17.8717, 19.4238, 24.9975

Trichromacy



Original Color

19.4057, 19.3103, 32.8415

Protanomaly

19.2763, 19.2436, 32.8354

Deuteranomaly

19.5491, 19.2066, 32.8139

Tritanomaly

18.3721, 19.4389, 27.5947

Monochromacy



Original Color

19.4057, 19.3103, 32.8415

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6788, 19.2901, 24.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4057, 19.3103, 32.8415 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(114, 120, 153)` looks like.

```
.text, #text, p{  
    color:rgb(114, 120, 153)  
}
```

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(114, 120, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 120, 153) }
```

Border

The CSS property to change the border of an element to XYZ 19.4057, 19.3103, 32.8415 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(114, 120, 153) }
```


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

```
.border{ border-color:rgb(114, 120, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 120, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 120, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 120, 153);  
box-shadow:4px 4px 4px 4px rgb(114, 120,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4057, 19.3103, 32.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 120, 153) }
```

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

```
.background{ background-color: rgb(114,  
120, 153) }
```

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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