

Converting Colors

XYZ(16.2112, 19.1383, 23.0896)

Have a look what the booklet for
XYZ(16.2112, 19.1383, 23.0896)
contains.

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Color

**XYZ(16.3095, 19.2241,
23.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	607F80
RGB	96, 127, 128
RGB Percent	38%, 50%, 50%
CMY	0.6235, 0.5019, 0.4980
CMYK	0.25, 0.01, 0.00, 0.50
HSL	182°, 14%, 44%
HSV	182°, 25%, 50%
XYZ	16.3095, 19.2241, 23.2731
YIQ	117.8450, -18.7970, -6.2610

Conversions

Conversions Part 2

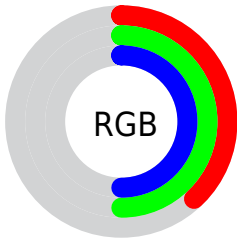
Format	Color
R_{YB}	96, 112, 128
Decimal	6324096
CIE _{Lab}	50.95, -10.72, -4.15
CIE _{LCh}	51, 11.500, 201.166
Y _{xy}	19.2241, 0.2773, 0.3269
Android (android.graphics.Color)	4284514176 (0xFF607F80)
Y _{UV}	117.8450, 5.0064, -19.1581
Hunter-Lab	43.8453, -10.3311, -0.7794

Details

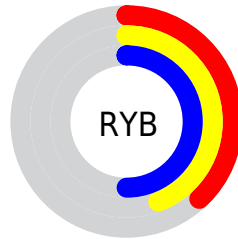
The XYZ color **16.3095, 19.2241, 23.2731** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2882, 13.9830, 12.9598**, and the grayscale version is **17.1609, 18.0546, 19.6615**.

A 20% lighter version of the original color is **36.6944, 42.1818, 49.9240**, and **5.3546, 6.6417, 8.3969** is the 20% darker color. If you saturate the color by 10%, you get **15.0197, 18.4833, 23.1984**, and if you desaturate by 10%, it is **17.8200, 20.0800, 23.3590**.

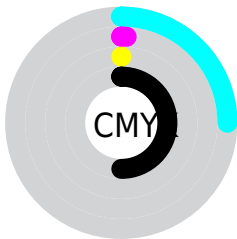
Distribution



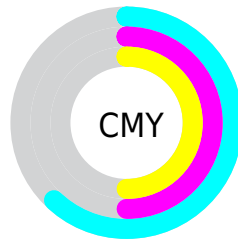
- Red (38%)
- Green (50%)
- Blue (50%)



- Red (38%)
- Yellow (44%)
- Blue (50%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3095, 19.2241, 23.2731 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 16.3095, 19.2241, 23.2731 by changing the saturation by 10% instead.

■ 16.3095, 19.2241,
23.2731

■ 16.3095, 19.2241,
23.2731

224.3958,
247.6831, 282.2918

■ 9.8357, 11.8323,
14.5881

■ 36.6878, 42.1124,
49.7702

■ 5.3516, 6.6296,
8.3874

■ 51.3230, 58.3778,
68.4195

■ 2.4918, 3.2316,
4.2525

■ 69.4093, 78.3698,
91.2272

■ 0.8911, 1.2538,
1.7649

■ 91.3122, 102.4728,
118.6119

■ 0.0000, 0.1050,
0.4046

117.3969,
131.0712, 150.9922

■ 0.0000, 0.0000,
0.0000

148.0288,

164.5495, 188.7866

183.5734,
203.2920, 232.4136

■ 16.3095, 19.2241,
23.2731

■ 16.3095, 19.2241,
23.2731

■ 15.0197, 18.4833,
23.1984

■ 17.8200, 20.0800,
23.3590

■ 13.9382, 17.8496,
23.1331

■ 19.5593, 21.0536,
23.4553

■ 13.0541, 17.3181,
23.0771

■ 21.5373, 22.1506,
23.5628

■ 12.3549, 16.8822,
23.0298

■ 23.7627, 23.3755,
23.6819

■ 11.8265, 16.5346,
22.9906

■ 26.2440, 24.7325,
23.8130

■ 11.4529, 16.2671,
22.9586

■ 28.9889, 26.2258,
23.9566

■ 11.2103, 16.0674,
22.9329

■ 32.0051, 27.8592,
24.1129

■ 11.1051, 15.9760,
22.9208

■ 35.2999, 29.6366,
24.2823

■ 38.8803, 31.5615,
24.4652

Harmonies

Analogous

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



16.1972, 19.2241, 19.9856



16.3095, 19.2241, 23.2731



16.9360, 19.2241, 26.1934

Triad

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



16.3095, 19.2241, 23.2731



20.0270, 19.2241, 25.1052



18.6095, 19.2241, 15.3382

Complementary

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



16.3095, 19.2241, 23.2731



15.2882, 13.9830, 12.9598

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.



19.6763, 19.2241, 16.4266



16.3095, 19.2241, 23.2731



20.5167, 19.2241, 21.9073

Square

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



16.3095, 19.2241, 23.2731



19.0721, 19.2241, 27.3250



20.3858, 19.2241, 18.7530



17.4944, 19.2241, 15.6227

Rectangle

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



16.3095, 19.2241, 23.2731



17.5757, 19.2241, 27.4292



20.3858, 19.2241, 18.7530



18.9863, 19.2241, 15.5511

Sweetspot

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



16.3101, 19.2249, 23.2735



33.7398, 36.6790, 41.2578



14.6793, 18.7798, 14.0469



7.8662, 8.5690, 9.6577



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.3101, 19.2249, 23.2735



27.3769, 33.0810, 40.8986



14.4559, 15.5166, 22.6555



4.4353, 4.8646, 5.5185



11.0115, 15.8415, 22.7273



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9161, 14.4876, 21.9845



28.6406, 23.2641, 38.1972



16.8669, 17.1404, 13.4860



4.4926, 4.4102, 5.3983



12.4351, 5.9937, 19.4127



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3095, 19.2241, 23.2731 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 16.3095, 19.2241, 23.2731 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 16.3095, 19.2241, 23.2731

Background



This preview shows how black text looks on a background with the XYZ color 16.3095, 19.2241, 23.2731.



This preview shows how white text looks on a background with the XYZ color 16.3095, 19.2241,

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

16.3095, 19.2241, 23.2731

Protanopia

18.3806, 19.0258, 21.7724

Deuteranopia

19.5610, 19.2357, 23.8010



Tritanopia

16.9418, 19.2960, 26.1241

Trichromacy



Original Color

16.3095, 19.2241, 23.2731

Protanomaly

17.5947, 19.1573, 22.1724

Deuteranomaly

18.1359, 19.0416, 23.4884

Tritanomaly

16.6243, 19.1566, 25.0117

Monochromacy



Original Color

16.3095, 19.2241, 23.2731

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7806, 18.3949, 21.0785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3095, 19.2241, 23.2731 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(96, 127, 128) looks like.

```
.text, #text, p{  
    color:rgb(96, 127, 128)  
}
```

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(96, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 127, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.3095, 19.2241, 23.2731 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(96, 127, 128) }
```


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

```
.border{ border-color:rgb(96, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 127,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3095, 19.2241, 23.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 127, 128) }
```

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

```
.background{ background-color: rgb(96, 127,  
128) }
```

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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