

Converting Colors

XYZ(16.0723, 19.0489, 24.1831)

Have a look what the booklet for
XYZ(16.0723, 19.0489, 24.1831)
contains.

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Color

**XYZ(16.0997, 19.0927,
24.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7F83
RGB	92, 127, 131
RGB Percent	36%, 50%, 51%
CMY	0.6392, 0.5020, 0.4863
CMYK	0.30, 0.03, 0.00, 0.49
HSL	186°, 17%, 44%
HSV	186°, 30%, 51%
XYZ	16.0997, 19.0927, 24.3095
YIQ	116.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

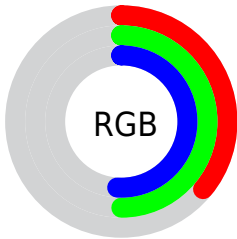
Format	Color
R_{YB}	92, 110, 131
Decimal	6061955
CIE _{Lab}	50.80, -11.26, -6.17
CIE _{LCh}	51, 12.839, 208.699
Yxy	19.0927, 0.2706, 0.3209
Android (android.graphics.Color)	4284252035 (0xFF5C7F83)
YUV	116.9910, 6.9064, -21.9171
Hunter-Lab	43.6952, -10.6974, -2.3989

Details

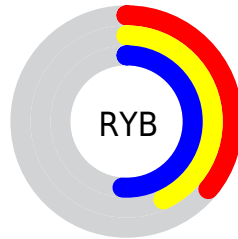
The XYZ color **16.0997, 19.0927, 24.3095** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4750, 13.9639, 12.0052**, and the grayscale version is **16.8903, 17.7699, 19.3515**.

A 20% lighter version of the original color is **36.3007, 41.9428, 51.5299**, and **5.2861, 6.5934, 8.9767** is the 20% darker color. If you saturate the color by 10%, you get **14.7304, 18.1315, 24.1965**, and if you desaturate by 10%, it is **17.6988, 20.1768, 24.4348**.

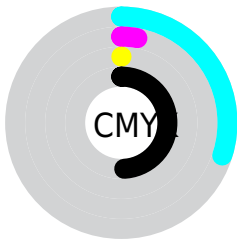
Distribution



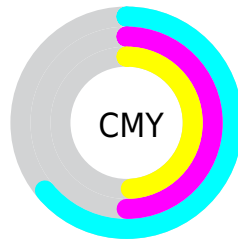
- Red (36%)
- Green (50%)
- Blue (51%)



- Red (36%)
- Yellow (43%)
- Blue (51%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (49%)



- Cyan (64%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0997, 19.0927, 24.3095 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 16.0997, 19.0927, 24.3095 by changing the saturation by 10% instead.

■ 16.0997, 19.0927,
24.3095

■ 16.0997, 19.0927,
24.3095

223.1881,
246.9600, 287.7183

■ 9.6860, 11.7373,
15.3490

■ 36.3273, 41.8907,
51.4849

■ 5.2519, 6.5650,
8.9154

■ 50.8718, 58.1020,
70.5370

■ 2.4321, 3.1916,
4.5900

■ 68.8574, 78.0342,
93.7900

■ 0.8611, 1.2326,
1.9543

■ 90.6494, 102.0714,
121.6625

■ 0.0000, 0.0881,
0.5269

116.6131,
130.5983, 154.5731

■ 0.0000, 0.0000,
0.0000

147.1139,

163.9990, 192.9402

182.5171,
202.6582, 237.1824

■ 16.0997, 19.0927,
24.3095

■ 16.0997, 19.0927,
24.3095

■ 14.7304, 18.1315,
24.1965

■ 17.6988, 20.1768,
24.4348

■ 13.5775, 17.2847,
24.0938

■ 19.5367, 21.3870,
24.5715

■ 12.6289, 16.5467,
24.0013

■ 21.6243, 22.7293,
24.7206

■ 11.8706, 15.9102,
23.9184

■ 23.9710, 24.2087,
24.8824

■ 11.2867, 15.3669,
23.8444

■ 26.5858, 25.8298,
25.0575

■ 10.8588, 14.9075,
23.7782

■ 29.4774, 27.5971,
25.2463

■ 10.5320, 14.5036,
23.7175

■ 32.6540, 29.5148,
25.4490

■ 10.5246, 14.4944,
23.7161

■ 36.1234, 31.5870,
25.6661

■ 39.8932, 33.8176,
25.8980

Harmonies

Analogous

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



15.8265, 19.0927, 20.6312



16.0997, 19.0927, 24.3095



16.9147, 19.0927, 27.3136

Triad

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



16.0997, 19.0927, 24.3095



20.3015, 19.0927, 24.6143



18.2022, 19.0927, 14.5835

Complementary

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



16.0997, 19.0927, 24.3095



15.4750, 13.9639, 12.0052

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.



19.4378, 19.0927, 15.3957



16.0997, 19.0927, 24.3095



20.6840, 19.0927, 20.9470

Square

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



16.0997, 19.0927, 24.3095



19.3380, 19.0927, 27.5034



20.3610, 19.0927, 17.6254



17.0060, 19.0927, 15.2668

Rectangle

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



16.0997, 19.0927, 24.3095



17.6754, 19.0927, 28.3795



20.3610, 19.0927, 17.6254



18.6270, 19.0927, 14.6888

Sweetspot

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



16.1003, 19.0935, 24.3099



35.1839, 38.4278, 44.0161



14.6370, 19.3510, 14.0062



8.0874, 8.8791, 10.2403



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.1003, 19.0935, 24.3099



27.0584, 32.9536, 43.3877



13.8312, 14.5553, 23.5536



4.7619, 5.1995, 5.9534



10.3608, 14.2695, 23.3449



0.0388, 0.0553, 0.0818

Inverse Universe

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



17.0184, 14.0123, 21.8872



29.0174, 22.3519, 38.1649



17.4687, 17.9513, 12.6698



4.8379, 4.7548, 5.7585



12.4078, 6.0275, 17.2516



0.0445, 0.0215, 0.0675

Previews

White Background



This preview shows how the XYZ color 16.0997, 19.0927, 24.3095 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 16.0997, 19.0927, 24.3095 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 16.0997, 19.0927, 24.3095

Background



This preview shows how black text looks on a background with the XYZ color 16.0997, 19.0927, 24.3095.



This preview shows how white text looks on a background with the XYZ color 16.0997, 19.0927,

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

16.0997, 19.0927, 24.3095

Protanopia

18.4324, 19.0302, 22.7804

Deuteranopia

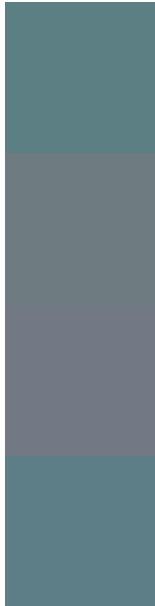
19.3473, 18.9281, 24.8241



Tritanopia

16.4190, 19.0264, 26.0996

Trichromacy



Original Color

16.0997, 19.0927, 24.3095

Protanomaly

17.4096, 19.0394, 23.1795

Deuteranomaly

17.9417, 18.9181, 24.5357

Tritanomaly

16.2781, 18.9701, 25.3579

Monochromacy



Original Color

16.0997, 19.0927, 24.3095

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5346, 18.2680, 21.0670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0997, 19.0927, 24.3095 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(92, 127, 131) looks like.

```
.text, #text, p{  
    color:rgb(92, 127, 131)  
}
```

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(92, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.0997, 19.0927, 24.3095 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(92, 127, 131) }
```


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

```
.border{ border-color:rgb(92, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0997, 19.0927, 24.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 131) }
```

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

```
.background{ background-color: rgb(92, 127,  
131) }
```

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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