

Converting Colors

XYZ(16.5249, 19.1033, 28.2250)

Have a look what the booklet for
XYZ(16.5249, 19.1033, 28.2250)
contains.

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Color

**XYZ(16.5598, 19.0484,
28.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7E8E
RGB	90, 126, 142
RGB Percent	35%, 49%, 56%
CMY	0.6471, 0.5059, 0.4431
CMYK	0.37, 0.11, 0.00, 0.44
HSL	198°, 22%, 45%
HSV	198°, 37%, 56%
XYZ	16.5598, 19.0484, 28.3951
YIQ	117.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

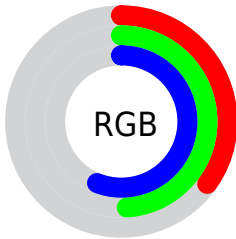
Format	Color
R _Y B	90, 111, 142
Decimal	5930638
CIE Lab	50.74, -8.43, -12.70
CIE LCh	51, 15.245, 236.435
Yxy	19.0484, 0.2587, 0.2976
Android (android.graphics.Color)	4284120718 (0xFF5A7E8E)
YUV	117.0600, 12.2954, -23.7316
Hunter-Lab	43.6445, -8.6505, -8.0230

Details

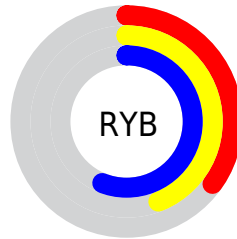
The XYZ color **16.5598, 19.0484, 28.3951** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1551, 16.7972, 11.9587**, and the grayscale version is **16.8966, 17.7765, 19.3587**.

A 20% lighter version of the original color is **37.2392, 41.9765, 58.3641**, and **5.4607, 6.5316, 11.0981** is the 20% darker color. If you saturate the color by 10%, you get **14.7620, 17.3107, 28.1548**, and if you desaturate by 10%, it is **18.6471, 20.9725, 28.6568**.

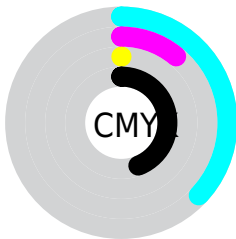
Distribution



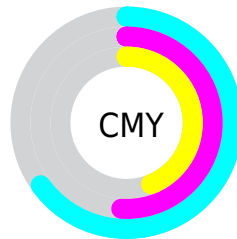
- Red (35%)
- Green (49%)
- Blue (56%)



- Red (35%)
- Yellow (44%)
- Blue (56%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5598, 19.0484, 28.3951 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 16.5598, 19.0484, 28.3951 by changing the saturation by 10% instead.

■ 16.5598, 19.0484,
28.3951

■ 16.5598, 19.0484,
28.3951

225.8287,
246.7158, 308.3212

■ 10.0145, 11.7053,
18.3821

■ 37.1170, 41.8159,
58.1453

■ 5.4709, 6.5433,
11.0524

■ 51.8596, 58.0090,
78.7195

■ 2.5637, 3.1782,
5.9875

■ 70.0654, 77.9209,
103.6513

■ 0.9275, 1.2254,
2.7688

■ 92.0996, 101.9359,
133.3590

■ 0.0000, 0.0823,
0.9778

118.3277,
130.4386, 168.2614

■ 0.0000, 0.0000,
0.0000

149.1150,

163.8132, 208.7768

184.8269,
202.4441, 255.3239

■ 16.5598, 19.0484,
28.3951

■ 16.5598, 19.0484,
28.3951

■ 14.7620, 17.3107,
28.1548

■ 18.6471, 20.9725,
28.6568

■ 13.2365, 15.7487,
27.9337

■ 21.0363, 23.0884,
28.9393

■ 11.9670, 14.3540,
27.7314

■ 23.7412, 25.4042,
29.2437

■ 10.9345, 13.1163,
27.5469

■ 26.7742, 27.9266,
29.5707

■ 10.1174, 12.0240,
27.3791

■ 30.1469, 30.6622,
29.9210

■ 9.4796, 11.0579,
27.2263

■ 33.8706, 33.6171,
30.2951

■ 9.2795, 10.7468,
27.1768

■ 37.9557, 36.7971,
30.6936

■ 42.4125, 40.2079,
31.1170

■ 47.2505, 43.8549,
31.5660

Harmonies

Analogous

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



15.6480, 19.0484, 24.6308



16.5598, 19.0484, 28.3951



17.9266, 19.0484, 30.1032

Triad

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



16.5598, 19.0484, 28.3951



21.1322, 19.0484, 21.2572



16.8536, 19.0484, 14.2004

Complementary

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



16.5598, 19.0484, 28.3951



18.1551, 16.7972, 11.9587

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.



18.2845, 19.0484, 13.5533



16.5598, 19.0484, 28.3951



20.8064, 19.0484, 17.2830

Square

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



16.5598, 19.0484, 28.3951



20.6107, 19.0484, 25.6398



19.7433, 19.0484, 14.6023



15.8110, 19.0484, 16.5088

Rectangle

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



16.5598, 19.0484, 28.3951



18.9315, 19.0484, 29.6938



19.7433, 19.0484, 14.6023



17.3028, 19.0484, 13.7964

Sweetspot

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



16.5604, 19.0491, 28.3955



39.5955, 42.8703, 51.3158



16.4706, 22.5524, 17.0123



8.7203, 9.4694, 11.4476



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.5604, 19.0491, 28.3955



26.5367, 31.0254, 49.7177



13.6950, 13.3184, 27.4404



5.4222, 5.8401, 6.8702



8.3482, 9.6824, 24.4060



0.0994, 0.1317, 0.2399

Inverse Universe

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



18.5779, 14.5700, 21.5726



30.7394, 22.2993, 35.3692



21.1983, 22.8836, 12.9731



5.5566, 5.4832, 6.4289



12.0169, 5.9638, 11.0063



0.1248, 0.0610, 0.1573

Previews

White Background



This preview shows how the XYZ color 16.5598, 19.0484, 28.3951 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 16.5598, 19.0484, 28.3951 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

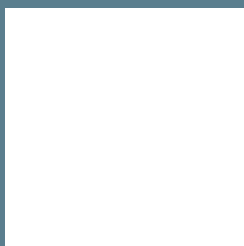
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5598, 19.0484, 28.3951

Background



This preview shows how black text looks on a background with the XYZ color 16.5598, 19.0484, 28.3951.



This preview shows how white text looks on a background with the XYZ color 16.5598, 19.0484,

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

16.5598, 19.0484, 28.3951

Protanopia

18.5204, 18.8105, 26.6994

Deuteranopia

19.3976, 19.0354, 29.0374



Tritanopia

16.2246, 19.1087, 26.5001

Trichromacy



Original Color

16.5598, 19.0484, 28.3951

Protanomaly

17.6831, 18.9089, 27.1439

Deuteranomaly

18.2257, 18.9729, 28.6881

Tritanomaly

16.3694, 19.1667, 27.2629

Monochromacy



Original Color

16.5598, 19.0484, 28.3951

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5458, 18.0651, 22.3535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5598, 19.0484, 28.3951 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(90, 126, 142)` looks like.

```
.text, #text, p{  
    color:rgb(90, 126, 142)  
}
```

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(90, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 126, 142) }
```

Border

The CSS property to change the border of an element to XYZ 16.5598, 19.0484, 28.3951 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(90, 126, 142) }
```


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

```
.border{ border-color:rgb(90, 126, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 126, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(90, 126,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5598, 19.0484, 28.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 126, 142) }
```

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

```
.background{ background-color: rgb(90, 126,  
142) }
```

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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