

Converting Colors

XYZ(16.6323, 19.8760, 28.0964)

Have a look what the booklet for
XYZ(16.6323, 19.8760, 28.0964)
contains.

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Color

**XYZ(16.6281, 19.8668,
28.1576)**

Conversions

Conversions Part 1

Format	Color
Hex	56828D
RGB	86, 130, 141
RGB Percent	34%, 51%, 55%
CMY	0.6627, 0.4902, 0.4471
CMYK	0.39, 0.08, 0.00, 0.45
HSL	192°, 24%, 45%
HSV	192°, 39%, 55%
XYZ	16.6281, 19.8668, 28.1576
YIQ	118.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

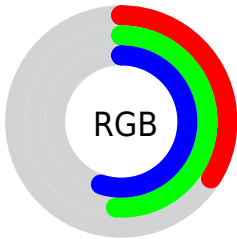
Format	Color
R_{YB}	86, 110, 141
Decimal	5669517
CIE _{Lab}	51.69, -12.11, -10.72
CIE _{LCh}	52, 16.172, 221.523
Yxy	19.8668, 0.2572, 0.3073
Android (android.graphics.Color)	4283859597 (0xFF56828D)
YUV	118.0980, 11.2907, -28.1499
Hunter-Lab	44.5722, -11.4101, -6.2548

Details

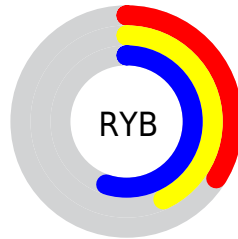
The XYZ color **16.6281, 19.8668, 28.1576** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9392, 14.8842, 10.7847**, and the grayscale version is **17.2235, 18.1205, 19.7332**.

A 20% lighter version of the original color is **37.2650, 43.2104, 58.0061**, and **5.5239, 6.9975, 10.9570** is the 20% darker color. If you saturate the color by 10%, you get **15.0860, 18.5231, 27.9799**, and if you desaturate by 10%, it is **18.4378, 21.3647, 28.3517**.

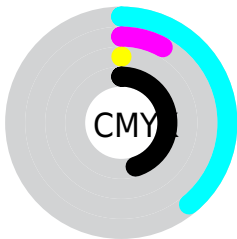
Distribution



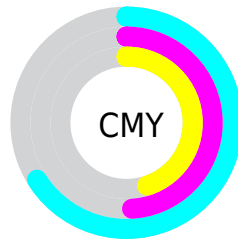
- Red (34%)
- Green (51%)
- Blue (55%)



- Red (34%)
- Yellow (43%)
- Blue (55%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (66%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6281, 19.8668, 28.1576 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 16.6281, 19.8668, 28.1576 by changing the saturation by 10% instead.

■ 16.6281, 19.8668,
28.1576

■ 16.6281, 19.8668,
28.1576

■ 226.2183,
251.1931, 307.1548

■ 10.0633, 12.2983,
18.2044

■ 37.2339, 43.1938,
57.7621

■ 5.5036, 6.9471,
10.9259

■ 52.0057, 59.7210,
78.2505

■ 2.5834, 3.4291,
5.9035

■ 70.2439, 80.0032,
103.0877

■ 0.9375, 1.3596,
2.7186

■ 92.3139, 104.4248,
132.6922

■ 0.0000, 0.1867,
0.9528

■ 118.5809,
133.3702, 167.4827

■ 0.0000, 0.0000,
0.0000

149.4105,

167.2238, 207.8776

185.1678,
206.3700, 254.2954

■ 16.6281, 19.8668,
28.1576

■ 16.6281, 19.8668,
28.1576

■ 15.0860, 18.5231,
27.9799

■ 18.4378, 21.3647,
28.3517

■ 13.7945, 17.3232,
27.8163

■ 20.5274, 23.0217,
28.5614

■ 12.7373, 16.2592,
27.6667

■ 22.9103, 24.8455,
28.7878

■ 11.8957, 15.3212,
27.5300

■ 25.5987, 26.8424,
29.0316

■ 11.2474, 14.4976,
27.4052

■ 28.6041, 29.0184,
29.2932

■ 10.7399, 13.7612,
27.2898

■ 31.9373, 31.3793,
29.5732

■ 10.6911, 13.6897,
27.2786

■ 35.6087, 33.9304,
29.8721

■ 39.6281, 36.6770,
30.1904

■ 44.0049, 39.6240,
30.5286

Harmonies

Analogous

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



15.9701, 19.8668, 23.4782



16.6281, 19.8668, 28.1576



17.9050, 19.8668, 31.3310

Triad

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



16.6281, 19.8668, 28.1576



22.0203, 19.8668, 24.6086



18.2624, 19.8668, 13.9623

Complementary

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



16.6281, 19.8668, 28.1576



16.9392, 14.8842, 10.7847

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.



19.8955, 19.8668, 14.1742



16.6281, 19.8668, 28.1576



22.1297, 19.8668, 19.8844

Square

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



16.6281, 19.8668, 28.1576



21.0418, 19.8668, 29.0871



21.3326, 19.8668, 16.2009



16.8767, 19.8668, 15.5731

Rectangle

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



16.6281, 19.8668, 28.1576



18.9664, 19.8668, 31.9241



21.3326, 19.8668, 16.2009



18.7994, 19.8668, 13.8297

Sweetspot

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



16.6287, 19.8676, 28.1581



39.5816, 43.3982, 51.4184



15.4782, 21.8747, 14.4934



8.7347, 9.6123, 11.4744



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.



16.6287, 19.8676, 28.1581



27.2713, 33.3998, 50.1373



13.5377, 13.6856, 27.1277



5.4699, 5.9356, 6.8862



9.7593, 12.5046, 24.8763



0.1083, 0.1496, 0.2428

Inverse Universe

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



18.3421, 13.9305, 22.8421



30.8892, 21.5132, 38.7663



19.8202, 20.6461, 11.7450



5.5807, 5.4928, 6.5558



12.7292, 6.2487, 14.7570



0.1293, 0.0628, 0.1811

Previews

White Background



This preview shows how the XYZ color 16.6281, 19.8668, 28.1576 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 16.6281, 19.8668, 28.1576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

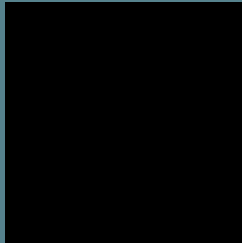
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.6281, 19.8668, 28.1576

Background



This preview shows how black text looks on a background with the XYZ color 16.6281, 19.8668, 28.1576.

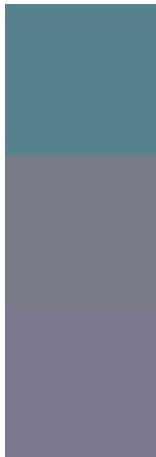


This preview shows how white text looks on a background with the XYZ color 16.6281, 19.8668,

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

16.6281, 19.8668, 28.1576

Protanopia

19.2886, 19.7616, 26.0903

Deuteranopia

20.1318, 19.7761, 28.7427



Tritanopia

16.6281, 19.8668, 28.1576

Trichromacy



Original Color

16.6281, 19.8668, 28.1576

Protanomaly

18.1054, 19.6904, 26.8911

Deuteranomaly

18.6457, 19.7478, 28.4202

Tritanomaly

16.6281, 19.8668, 28.1576

Monochromacy



Original Color

16.6281, 19.8668, 28.1576

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.6693, 18.4896, 22.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6281, 19.8668, 28.1576 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(86, 130, 141) looks like.

```
.text, #text, p{  
    color:rgb(86, 130, 141)  
}
```

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(86, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 130, 141) }
```

Border

The CSS property to change the border of an element to XYZ 16.6281, 19.8668, 28.1576 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(86, 130, 141) }
```


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

```
.border{ border-color:rgb(86, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(86, 130,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6281, 19.8668, 28.1576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 130, 141) }
```

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

```
.background{ background-color: rgb(86, 130,  
141) }
```

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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