

Converting Colors

XYZ(16.7358, 19.5598, 27.4473)

Have a look what the booklet for
XYZ(16.7358, 19.5598, 27.4473)
contains.

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Color

**XYZ(16.6938, 19.5266,
27.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	5B808B
RGB	91, 128, 139
RGB Percent	36%, 50%, 55%
CMY	0.6431, 0.4980, 0.4549
CMYK	0.35, 0.08, 0.00, 0.45
HSL	194°, 21%, 45%
HSV	194°, 35%, 55%
XYZ	16.6938, 19.5266, 27.3152
YIQ	118.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

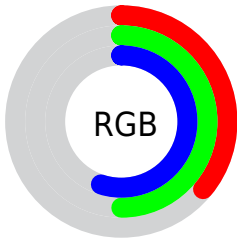
Format	Color
RYB	91, 112, 139
Decimal	5996683
CIELab	51.30, -10.06, -10.11
CIELCh	51, 14.264, 225.120
Yxy	19.5266, 0.2627, 0.3073
Android (android.graphics.Color)	4284186763 (0xFF5B808B)
YUV	118.1910, 10.2588, -23.8465
Hunter-Lab	44.1889, -9.8964, -5.7176

Details

The XYZ color **16.6938, 19.5266, 27.3152** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2875, 15.7473, 12.0265**, and the grayscale version is **17.2548, 18.1534, 19.7691**.

A 20% lighter version of the original color is **37.3660, 42.6932, 56.1404**, and **5.5540, 6.8055, 10.4721** is the 20% darker color. If you saturate the color by 10%, you get **15.0396, 18.0672, 27.1210**, and if you desaturate by 10%, it is **18.6160, 21.1445, 27.5265**.

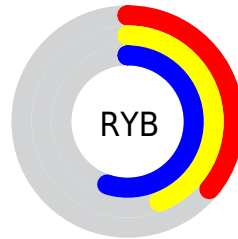
Distribution



Red (36%)

Green (50%)

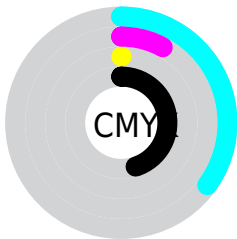
Blue (55%)



Red (36%)

Yellow (44%)

Blue (55%)

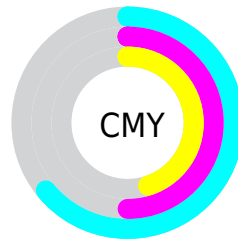


Cyan (35%)

Magenta (8%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6938, 19.5266, 27.3152 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 16.6938, 19.5266, 27.3152 by changing the saturation by 10% instead.

■ 16.6938, 19.5266,
27.3152

■ 16.6938, 19.5266,
27.3152

226.5924,
249.3407, 302.9884

■ 10.1104, 12.0514,
17.5756

■ 37.3464, 42.6221,
56.3991

■ 5.5350, 6.7787,
10.4794

■ 52.1462, 59.0111,
76.5805

■ 2.6024, 3.3241,
5.6082

■ 70.4155, 79.1402,
101.0795

■ 0.9472, 1.3032,
2.5435

■ 92.5198, 103.3938,
130.3147

■ 0.0000, 0.1437,
0.8630

118.8242,
132.1562, 164.7047

■ 0.0000, 0.0000,
0.0000

149.6942,

165.8119, 204.6679

185.4952,
204.7453, 250.6230

■ 16.6938, 19.5266,
27.3152

■ 16.6938, 19.5266,
27.3152

■ 15.0396, 18.0672,
27.1210

■ 18.6160, 21.1445,
27.5265

■ 13.6376, 16.7565,
26.9419

■ 20.8177, 22.9255,
27.7542

■ 12.4727, 15.5871,
26.7776

■ 23.3114, 24.8768,
27.9994

■ 11.5278, 14.5499,
26.6272

■ 26.1088, 27.0045,
28.2627

■ 10.7830, 13.6345,
26.4898

■ 29.2206, 29.3143,
28.5445

■ 10.2126, 12.8274,
26.3641

■ 32.6570, 31.8117,
28.8454

■ 9.9336, 12.4108,
26.2984

■ 36.4280, 34.5019,
29.1659

■ 40.5428, 37.3899,
29.5065

■ 45.0106, 40.4805,
29.8676

Harmonies

Analogous

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



16.0398, 19.5266, 23.3727



16.6938, 19.5266, 27.3152



17.8652, 19.5266, 29.7752

Triad

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



16.6938, 19.5266, 27.3152



21.3332, 19.5266, 23.3389



17.8544, 19.5266, 14.5544

Complementary

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



16.6938, 19.5266, 27.3152



17.2875, 15.7473, 12.0265

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.



19.2714, 19.5266, 14.5478



16.6938, 19.5266, 27.3152



21.3300, 19.5266, 19.2808

Square

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



16.6938, 19.5266, 27.3152



20.5678, 19.5266, 27.2878



20.5592, 19.5266, 16.1750



16.6863, 19.5266, 16.1944

Rectangle

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



16.6938, 19.5266, 27.3152



18.8048, 19.5266, 30.0662



20.5592, 19.5266, 16.1750



18.3162, 19.5266, 14.3686

Sweetspot

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



16.6944, 19.5274, 27.3157



39.1413, 42.5243, 49.8880



15.9161, 21.6372, 15.7530



8.8933, 9.6998, 11.4830



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.



16.6944, 19.5274, 27.3157



27.6701, 33.0184, 48.6578



13.9860, 14.1107, 26.4129



5.0773, 5.4976, 6.3994



8.9787, 11.2277, 23.7396



0.0706, 0.0965, 0.1614

Inverse Universe

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



18.2853, 14.5302, 22.2638



31.0112, 22.9894, 37.9442



19.9205, 21.0134, 12.9042



5.1856, 5.1097, 6.0661



12.0188, 5.9177, 13.1354



0.0854, 0.0415, 0.1164

Previews

White Background



This preview shows how the XYZ color 16.6938, 19.5266, 27.3152 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 16.6938, 19.5266, 27.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

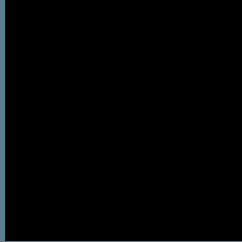
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

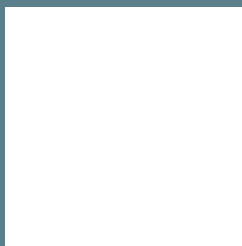
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.6938, 19.5266, 27.3152

Background



This preview shows how black text looks on a background with the XYZ color 16.6938, 19.5266, 27.3152.



This preview shows how white text looks on a background with the XYZ color 16.6938, 19.5266,

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

16.6938, 19.5266, 27.3152

Protanopia

18.9563, 19.4171, 25.6704

Deuteranopia

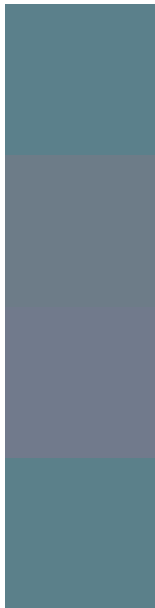
19.8620, 19.4767, 27.9118



Tritanopia

16.6210, 19.4975, 26.9321

Trichromacy



Original Color

16.6938, 19.5266, 27.3152

Protanomaly

17.9583, 19.4441, 26.0991

Deuteranomaly

18.5032, 19.3232, 27.5655

Tritanomaly

16.6210, 19.4975, 26.9321

Monochromacy



Original Color

16.6938, 19.5266, 27.3152

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9098, 18.6136, 22.4402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6938, 19.5266, 27.3152 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(91, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(91, 128, 139)  
}
```

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(91, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 128, 139) }
```

Border

The CSS property to change the border of an element to XYZ 16.6938, 19.5266, 27.3152 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(91, 128, 139) }
```


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

```
.border{ border-color:rgb(91, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(91, 128,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6938, 19.5266, 27.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 128, 139) }
```

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

```
.background{ background-color: rgb(91, 128,  
139) }
```

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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