

Converting Colors

XYZ(16.8860, 19.0700, 26.4578)

Have a look what the booklet for
XYZ(16.8860, 19.0700, 26.4578)
contains.

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Color

**XYZ(16.8860, 19.0700,
26.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	627D89
RGB	98, 125, 137
RGB Percent	38%, 49%, 54%
CMY	0.6157, 0.5098, 0.4627
CMYK	0.28, 0.09, 0.00, 0.46
HSL	198°, 17%, 46%
HSV	198°, 28%, 54%
XYZ	16.8860, 19.0700, 26.4578
YIQ	118.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

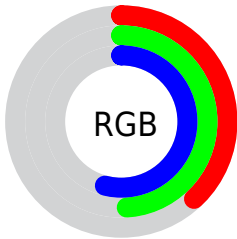
Format	Color
R_{YB}	98, 114, 137
Decimal	6454665
CIE _{Lab}	50.77, -6.72, -9.68
CIE _{LCh}	51, 11.785, 235.262
Yxy	19.0700, 0.2705, 0.3055
Android (android.graphics.Color)	4284644745 (0xFF627D89)
YUV	118.2950, 9.2216, -17.7987
Hunter-Lab	43.6692, -7.3988, -5.3535

Details

The XYZ color **16.8860, 19.0700, 26.4578** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0974, 17.3524, 13.9514**, and the grayscale version is **17.2893, 18.1897, 19.8085**.

A 20% lighter version of the original color is **37.7923, 42.0425, 54.8383**, and **5.6201, 6.5351, 9.9820** is the 20% darker color. If you saturate the color by 10%, you get **15.0102, 17.3280, 26.2207**, and if you desaturate by 10%, it is **19.0386, 20.9893, 26.7151**.

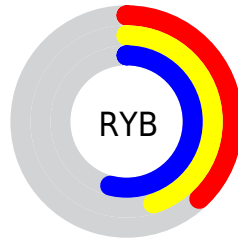
Distribution



Red (38%)

Green (49%)

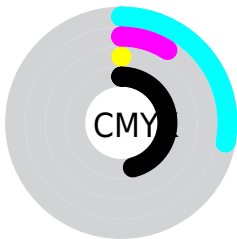
Blue (54%)



Red (38%)

Yellow (45%)

Blue (54%)

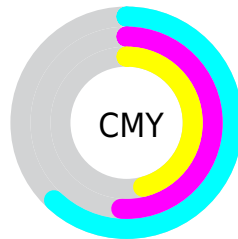


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8860, 19.0700, 26.4578 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 16.8860, 19.0700, 26.4578 by changing the saturation by 10% instead.

■ 16.8860, 19.0700,
26.4578

■ 16.8860, 19.0700,
26.4578

227.6836,
246.8349, 298.6989

■ 10.2480, 11.7209,
16.9376

■ 37.6748, 41.8523,
55.0057

■ 5.6273, 6.5539,
10.0285

■ 52.5564, 58.0544,
74.8705

■ 2.6583, 3.1847,
5.3120

■ 70.9166, 77.9761,
99.0205

■ 0.9757, 1.2289,
2.3696

■ 93.1207, 102.0020,
127.8744

■ 0.0000, 0.0851,
0.7698

119.5341,
130.5164, 161.8506

■ 0.0000, 0.0000,
0.0000

150.5221,

163.9038, 201.3678

186.4502,
202.5485, 246.8443

■ 16.8860, 19.0700,
26.4578

■ 16.8860, 19.0700,
26.4578

■ 15.0102, 17.3280,
26.2207

■ 19.0386, 20.9893,
26.7151

■ 13.3964, 15.7538,
26.0020

■ 21.4786, 23.0902,
26.9920

■ 12.0308, 14.3404,
25.8011

■ 24.2180, 25.3799,
27.2896

■ 10.8977, 13.0792,
25.6174

■ 27.2677, 27.8644,
27.6084

■ 9.9794, 11.9606,
25.4499

■ 30.6378, 30.5493,
27.9491

■ 9.2553, 10.9737,
25.2976

■ 34.3382, 33.4401,
28.3120

■ 8.6788, 10.0939,
25.1581

■ 38.3783, 36.5419,
28.6978

■ 8.5941, 9.9636,
25.1374

■ 42.7669, 39.8597,
29.1069

■ 47.5128, 43.3984,
29.5398

Harmonies

Analogous

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



16.1853, 19.0700, 23.6062



16.8860, 19.0700, 26.4578



17.9422, 19.0700, 27.7898

Triad

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



16.8860, 19.0700, 26.4578



20.4364, 19.0700, 21.2952



17.1917, 19.0700, 15.5142

Complementary

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



16.8860, 19.0700, 26.4578



18.0974, 17.3524, 13.9514

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.



18.3100, 19.0700, 15.0350



16.8860, 19.0700, 26.4578



20.2147, 19.0700, 18.1596

Square

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



16.8860, 19.0700, 26.4578



20.0176, 19.0700, 24.6140



19.4241, 19.0700, 15.9519



16.3565, 19.0700, 17.3380

Rectangle

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



16.8860, 19.0700, 26.4578



18.7180, 19.0700, 27.5439



19.4241, 19.0700, 15.9519



17.5456, 19.0700, 15.1993

Sweetspot

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



16.8866, 19.0708, 26.4582



38.1257, 41.0628, 48.2997



16.7813, 21.6077, 17.9531



8.4204, 9.0986, 10.8187



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.8866, 19.0708, 26.4582



28.0726, 32.1546, 47.1100



14.6863, 14.6703, 25.7248



5.0452, 5.4333, 6.3887



8.0162, 9.3026, 23.4188



0.0663, 0.0878, 0.1599

Inverse Universe

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



18.3864, 15.5350, 21.4323



31.2612, 24.9684, 36.3504



20.3982, 21.9539, 14.7183



5.1694, 5.1032, 5.9806



11.5330, 5.7233, 10.5770



0.0832, 0.0406, 0.1049

Previews

White Background



This preview shows how the XYZ color 16.8860, 19.0700, 26.4578 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 16.8860, 19.0700, 26.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

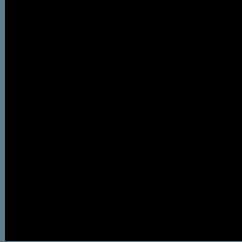
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.8860, 19.0700, 26.4578

Background



This preview shows how black text looks on a background with the XYZ color 16.8860, 19.0700, 26.4578.

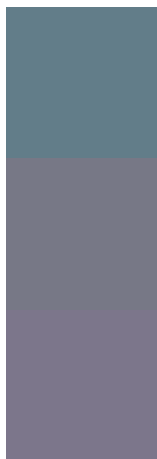


This preview shows how white text looks on a background with the XYZ color 16.8860, 19.0700,

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

16.8860, 19.0700, 26.4578

Protanopia

18.6273, 19.0761, 25.2545

Deuteranopia

19.4508, 19.1060, 27.0888



Tritanopia

16.7438, 19.0132, 25.7091

Trichromacy



Original Color

16.8860, 19.0700, 26.4578

Protanomaly

17.8883, 19.0478, 25.6555

Deuteranomaly

18.4950, 19.1546, 26.7672

Tritanomaly

16.8146, 19.0415, 26.0817

Monochromacy



Original Color

16.8860, 19.0700, 26.4578

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0946, 18.5349, 22.0787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8860, 19.0700, 26.4578 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(98, 125, 137) looks like.

```
.text, #text, p{  
    color:rgb(98, 125, 137)  
}
```

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(98, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 125, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.8860, 19.0700, 26.4578 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(98, 125, 137) }
```


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

```
.border{ border-color:rgb(98, 125, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 125, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(98, 125,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8860, 19.0700, 26.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 125, 137) }
```

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

```
.background{ background-color: rgb(98, 125,  
137) }
```

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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