

Converting Colors

XYZ(17.6478, 20.5784, 27.6798)

Have a look what the booklet for
XYZ(17.6478, 20.5784, 27.6798)
contains.

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Color

**XYZ(17.6738, 20.6128,
27.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	60838C
RGB	96, 131, 140
RGB Percent	38%, 51%, 55%
CMY	0.6235, 0.4863, 0.4510
CMYK	0.31, 0.06, 0.00, 0.45
HSL	192°, 19%, 46%
HSV	192°, 31%, 55%
XYZ	17.6738, 20.6128, 27.8581
YIQ	121.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

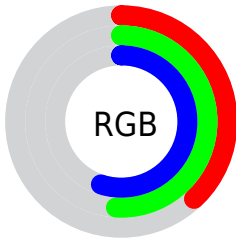
Format	Color
R _Y B	96, 115, 140
Decimal	6325132
CIE Lab	52.52, -9.97, -8.82
CIE LCh	53, 13.315, 221.508
Yxy	20.6128, 0.2672, 0.3116
Android (android.graphics.Color)	4284515212 (0xFF60838C)
YUV	121.5610, 9.0904, -22.4170
Hunter-Lab	45.4013, -9.9659, -4.5992

Details

The XYZ color **17.6738, 20.6128, 27.8581** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9785, 16.5234, 13.3087**, and the grayscale version is **18.3331, 19.2879, 21.0045**.

A 20% lighter version of the original color is **39.0908, 44.4719, 57.5626**, and **6.0350, 7.3771, 10.7787** is the 20% darker color. If you saturate the color by 10%, you get **15.9509, 19.1621, 27.6692**, and if you desaturate by 10%, it is **19.6709, 22.2217, 28.0637**.

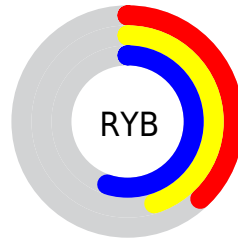
Distribution



Red (38%)

Green (51%)

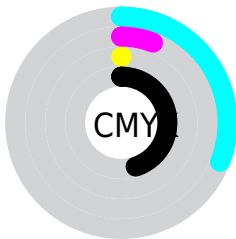
Blue (55%)



Red (38%)

Yellow (45%)

Blue (55%)

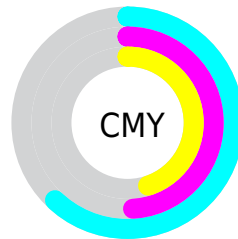


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6738, 20.6128, 27.8581 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 17.6738, 20.6128, 27.8581 by changing the saturation by 10% instead.

■ 17.6738, 20.6128,
27.8581

■ 17.6738, 20.6128,
27.8581

232.1073,
255.2135, 305.6788

■ 10.8143, 12.8413,
17.9806

■ 39.0152, 44.4422,
57.2782

■ 6.0085, 7.3193,
10.7668

■ 54.2277, 61.2689,
77.6579

■ 2.8909, 3.6626,
5.7980

■ 72.9554, 81.8828,
102.3753

■ 1.0964, 1.4867,
2.6559

■ 95.5635, 106.6682,
131.8492

■ 0.0221, 0.2793,
0.9211

122.4174,
136.0096, 166.4979

■ 0.0000, 0.0000,
0.0000

153.8824,

170.2914, 206.7401

190.3239,
209.8979, 252.9942

■ 17.6738, 20.6128,
27.8581

■ 17.6738, 20.6128,
27.8581

■ 15.9509, 19.1621,
27.6692

■ 19.6709, 22.2217,
28.0637

■ 14.4863, 17.8596,
27.4950

■ 21.9534, 23.9931,
28.2854

■ 13.2654, 16.6984,
27.3352

■ 24.5340, 25.9342,
28.5240

■ 12.2712, 15.6694,
27.1890

■ 27.4240, 28.0510,
28.7803

■ 11.4845, 14.7626,
27.0555

■ 30.6344, 30.3491,
29.0547

■ 10.8826, 13.9663,
26.9335

■ 34.1753, 32.8341,
29.3477

■ 10.4584, 13.3428,
26.8355

■ 38.0565, 35.5110,
29.6598

■ 42.2875, 38.3849,
29.9915

■ 46.8773, 41.4604,
30.3433

Harmonies

Analogous

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



17.1084, 20.6128, 23.9922



17.6738, 20.6128, 27.8581



18.7634, 20.6128, 30.4374

Triad

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



17.6738, 20.6128, 27.8581



22.2138, 20.6128, 24.9378



19.0679, 20.6128, 15.7987

Complementary

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



17.6738, 20.6128, 27.8581



17.9785, 16.5234, 13.3087

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.



20.4443, 20.6128, 15.9888



17.6738, 20.6128, 27.8581



22.3047, 20.6128, 20.9636

Square

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



17.6738, 20.6128, 27.8581



21.4009, 20.6128, 28.6198



21.6439, 20.6128, 17.7809



17.8877, 20.6128, 17.2271

Rectangle

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



17.6738, 20.6128, 27.8581



19.6617, 20.6128, 30.9167



21.6439, 20.6128, 17.7809



19.5222, 20.6128, 15.6804

Sweetspot

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



17.6744, 20.6136, 27.8586



39.6761, 43.0398, 49.9593



16.7420, 22.2592, 16.7254



9.0107, 9.8174, 11.4995



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.



17.6744, 20.6136, 27.8586



28.8746, 34.4293, 48.8666



15.0480, 15.3608, 26.9831



5.0875, 5.5179, 6.4028



9.3067, 11.8838, 23.8490



0.0720, 0.0992, 0.1618

Inverse Universe

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



19.0953, 15.5805, 23.4744



31.8628, 24.2629, 39.5530



20.4905, 21.5476, 14.1460



5.1908, 5.1117, 6.0930



12.1844, 5.9839, 14.0073



0.0861, 0.0418, 0.1200

Previews

White Background



This preview shows how the XYZ color 17.6738, 20.6128, 27.8581 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 17.6738, 20.6128, 27.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

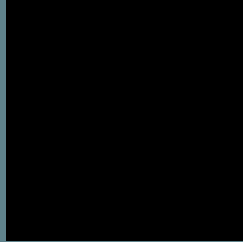
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6738, 20.6128, 27.8581

Background



This preview shows how black text looks on a background with the XYZ color 17.6738, 20.6128, 27.8581.



This preview shows how white text looks on a background with the XYZ color 17.6738, 20.6128,

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

17.6738, 20.6128, 27.8581

Protanopia

19.9638, 20.4780, 26.1930

Deuteranopia

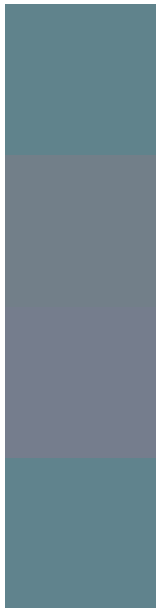
20.8953, 20.5392, 28.4543



Tritanopia

17.7479, 20.6425, 28.2483

Trichromacy



Original Color

17.6738, 20.6128, 27.8581

Protanomaly

19.0442, 20.5623, 26.6321

Deuteranomaly

19.4775, 20.3722, 28.1050

Tritanomaly

17.7479, 20.6425, 28.2483

Monochromacy



Original Color

17.6738, 20.6128, 27.8581

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1061, 19.7629, 23.6292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6738, 20.6128, 27.8581 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(96, 131, 140) looks like.

```
.text, #text, p{  
    color:rgb(96, 131, 140)  
}
```

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(96, 131, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 131, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.6738, 20.6128, 27.8581 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(96, 131, 140) }
```


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

```
.border{ border-color:rgb(96, 131, 140) }
```

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

Here you see how a box with a 4 pixel rgb(96, 131, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 131, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 131, 140);  
box-shadow:4px 4px 4px 4px rgb(96, 131,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6738, 20.6128, 27.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 131, 140) }
```

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

```
.background{ background-color: rgb(96, 131,  
140) }
```

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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