

Converting Colors

XYZ(17.5064, 18.4187, 27.1932)

Have a look what the booklet for
XYZ(17.5064, 18.4187, 27.1932)
contains.

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Color

**XYZ(17.5610, 18.4852,
27.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	6C788B
RGB	108, 120, 139
RGB Percent	42%, 47%, 55%
CMY	0.5765, 0.5294, 0.4549
CMYK	0.22, 0.14, 0.00, 0.45
HSL	217°, 13%, 48%
HSV	217°, 22%, 55%
XYZ	17.5610, 18.4852, 27.0685
YIQ	118.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

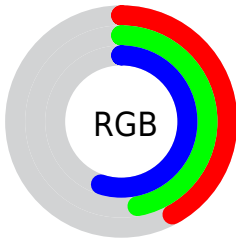
Format	Color
R_{YB}	108, 117, 139
Decimal	7108747
CIE _{Lab}	50.08, -0.05, -11.83
CIE _{LCh}	50, 11.827, 269.774
Yxy	18.4852, 0.2782, 0.2929
Android (android.graphics.Color)	4285298827 (0xFF6C788B)
YUV	118.5780, 10.0680, -9.2769
Hunter-Lab	42.9944, -2.3322, -7.2318

Details

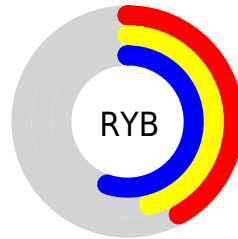
The XYZ color **17.5610, 18.4852, 27.0685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9437, 21.7503, 17.2821**, and the grayscale version is **17.3741, 18.2789, 19.9057**.

A 20% lighter version of the original color is **38.7642, 40.7844, 55.6983**, and **5.9840, 6.3167, 10.3550** is the 20% darker color. If you saturate the color by 10%, you get **15.0242, 15.7240, 26.6695**, and if you desaturate by 10%, it is **20.4597, 21.5692, 27.5113**.

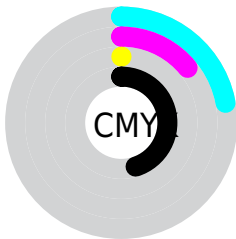
Distribution



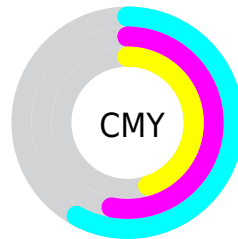
- Red (42%)
- Green (47%)
- Blue (55%)



- Red (42%)
- Yellow (46%)
- Blue (55%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5610, 18.4852, 27.0685 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 17.5610, 18.4852, 27.0685 by changing the saturation by 10% instead.

■ 17.5610, 18.4852,
27.0685

■ 17.5610, 18.4852,
27.0685

231.4786,
243.5918, 301.7593

■ 10.7330, 11.2989,
17.3918

■ 38.8238, 40.8624,
55.9988

■ 5.9536, 6.2682,
10.3493

■ 53.9894, 56.8220,
76.0895

■ 2.8573, 3.0089,
5.5225

■ 72.6649, 76.4749,
100.4887

■ 1.0787, 1.1364,
2.4930

■ 95.2157, 100.2055,
129.6147

■ 0.0072, 0.0088,
0.8364

122.0071,
128.3980, 163.8863

■ 0.0000, 0.0000,
0.0000

153.4044,

161.4370, 203.7219

189.7732,
199.7068, 249.5400

■ 17.5610, 18.4852,
27.0685

■ 17.5610, 18.4852,
27.0685

■ 15.0242, 15.7240,
26.6695

■ 20.4597, 21.5692,
27.5113

■ 12.8324, 13.2720,
26.3118

■ 23.7327, 24.9844,
27.9980

■ 10.9699, 11.1180,
25.9942

■ 27.3941, 28.7418,
28.5303

■ 9.4192, 9.2490,
25.7152

■ 31.4564, 32.8510,
29.1093

■ 8.1608, 7.6510,
25.4730

■ 35.9318, 37.3214,
29.7363

■ 7.1728, 6.3086,
25.2660

■ 40.8319, 42.1617,
30.4123

■ 6.4298, 5.2041,
25.0920

■ 46.1677, 47.3808,
31.1385

■ 5.9708, 4.4852,
24.9774

■ 51.9501, 52.9868,
31.9158

■ 58.1893, 58.9879,
32.7453

Harmonies

Analogous

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



16.4907, 18.4852, 26.0435



17.5610, 18.4852, 27.0685



18.6790, 18.4852, 26.0729

Triad

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



17.5610, 18.4852, 27.0685



19.5386, 18.4852, 17.1723



15.7456, 18.4852, 17.1338

Complementary

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



17.5610, 18.4852, 27.0685



20.9437, 21.7503, 17.2821

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.



16.5050, 18.4852, 15.1621



17.5610, 18.4852, 27.0685



18.6946, 18.4852, 15.1825

Square

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



17.5610, 18.4852, 27.0685



19.8504, 18.4852, 20.1520



17.5783, 18.4852, 14.4873



15.4706, 18.4852, 20.1025

Rectangle

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



17.5610, 18.4852, 27.0685



19.2942, 18.4852, 24.4527



17.5783, 18.4852, 14.4873



15.9510, 18.4852, 16.3446

Sweetspot

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



17.5616, 18.4860, 27.0689



39.5723, 41.7003, 49.7062



19.2220, 23.1756, 23.4028



9.0526, 9.5401, 11.4437



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.



17.5616, 18.4860, 27.0689



28.9688, 30.4200, 48.0878



16.5913, 15.9756, 26.6355



4.9231, 5.1891, 6.3480



5.4046, 4.0796, 22.5483



0.0494, 0.0540, 0.1543

Inverse Universe

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



19.4006, 17.5706, 20.1391



32.9350, 28.6149, 33.1047



22.0768, 24.7741, 17.8060



5.1078, 5.0786, 5.6561



10.2148, 5.1960, 3.6356



0.0747, 0.0372, 0.0600

Previews

White Background



This preview shows how the XYZ color 17.5610, 18.4852, 27.0685 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 17.5610, 18.4852, 27.0685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

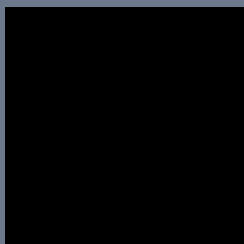
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5610, 18.4852, 27.0685

Background



This preview shows how black text looks on a background with the XYZ color 17.5610, 18.4852, 27.0685.



This preview shows how white text looks on a background with the XYZ color 17.5610, 18.4852,

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

17.5610, 18.4852, 27.0685

Protanopia

18.1361, 18.4367, 26.6475

Deuteranopia

18.7247, 18.3773, 27.3712



Tritanopia

16.8780, 18.3776, 24.1304

Trichromacy



Original Color

17.5610, 18.4852, 27.0685

Protanomaly

17.8664, 18.4734, 26.6688

Deuteranomaly

18.2974, 18.3290, 27.3844

Tritanomaly

17.2039, 18.5218, 25.2226

Monochromacy



Original Color

17.5610, 18.4852, 27.0685

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4330, 18.3448, 22.3608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5610, 18.4852, 27.0685 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(108, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 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(108, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.5610, 18.4852, 27.0685 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(108, 120, 139) }
```


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

```
.border{ border-color:rgb(108, 120, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 120, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 120, 139); box-shadow:4px 4px 4px 4px rgb(108, 120, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5610, 18.4852, 27.0685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 139) }
```

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

```
.background{ background-color: rgb(108,  
120, 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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