

Converting Colors

XYZ(18.1454, 17.5109, 27.1489)

Have a look what the booklet for
XYZ(18.1454, 17.5109, 27.1489)
contains.

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Color

**XYZ(18.2465, 17.6256,
27.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	77718C
RGB	119, 113, 140
RGB Percent	47%, 44%, 55%
CMY	0.5333, 0.5569, 0.4510
CMYK	0.15, 0.19, 0.00, 0.45
HSL	253°, 11%, 50%
HSV	253°, 19%, 55%
XYZ	18.2465, 17.6256, 27.2513
YIQ	117.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

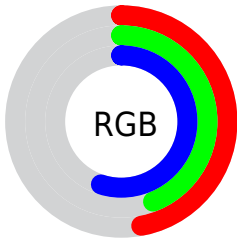
Format	Color
R_{YB}	119, 113, 140
Decimal	7827852
CIE _{Lab}	49.04, 8.10, -13.90
CIE _{LCh}	49, 16.089, 300.215
Yxy	17.6256, 0.2891, 0.2792
Android (android.graphics.Color)	4286017932 (0xFF77718C)
YUV	117.8720, 10.9091, 0.9893
Hunter-Lab	41.9829, 4.1093, -9.0975

Details

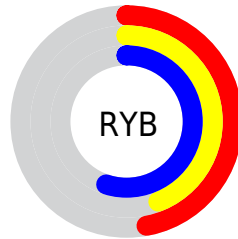
The XYZ color **18.2465, 17.6256, 27.2513** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.1907, 25.0171, 19.2827**, and the grayscale version is **17.1484, 18.0414, 19.6471**.

A 20% lighter version of the original color is **39.9873, 39.4632, 56.5485**, and **6.2615, 5.8209, 10.4664** is the 20% darker color. If you saturate the color by 10%, you get **15.3938, 14.0128, 26.7046**, and if you desaturate by 10%, it is **21.5126, 21.8101, 27.8871**.

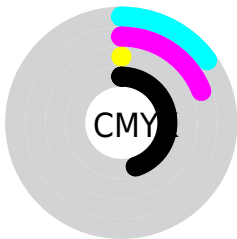
Distribution



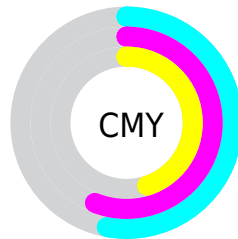
- Red (47%)
- Green (44%)
- Blue (55%)



- Red (47%)
- Yellow (44%)
- Blue (55%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2465, 17.6256, 27.2513 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 18.2465, 17.6256, 27.2513 by changing the saturation by 10% instead.

■ 18.2465, 17.6256,
27.2513

■ 18.2465, 17.6256,
27.2513

235.2756,
238.7522, 302.6704

■ 11.2279, 10.6815,
17.5279

■ 39.9837, 39.3983,
56.2955

■ 6.2887, 5.8531,
10.4457

■ 55.4330, 54.9957,
76.4534

■ 3.0638, 2.7560,
5.5860

■ 74.4232, 74.2464,
100.9266

■ 1.1876, 1.0057,
2.5303

■ 97.3197, 97.5347,
130.1336

■ 0.0965, 0.0000,
0.8562

124.4878,
125.2451, 164.4929

■ 0.0000, 0.0000,
0.0000

156.2929,

157.7618, 204.4231

193.1004,
195.4694, 250.3428

■ 18.2465, 17.6256,
27.2513

■ 18.2465, 17.6256,
27.2513

■ 15.3938, 14.0128,
26.7046

■ 21.5126, 21.8101,
27.8871

■ 12.9359, 10.9445,
26.2419

■ 25.2061, 26.5874,
28.6146

■ 10.8556, 8.3946,
25.8594

■ 29.3425, 31.9806,
29.4375

■ 9.1335, 6.3338,
25.5524

■ 33.9361, 38.0104,
30.3593

■ 7.7483, 4.7301,
25.3158

■ 39.0005, 44.6969,
31.3830

6.6766, 3.5474,
25.1440

44.5485, 52.0593,
32.5117

5.8915, 2.7440,
25.0303

50.5928, 60.1157,
33.7482

5.3367, 2.2205,
24.9585

57.1453, 68.8838,
35.0952

5.3020, 2.1865,
24.9538

64.2176, 78.3806,
36.5555

Harmonies

Analogous

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



16.7634, 17.6256, 28.6938



18.2465, 17.6256, 27.2513



19.3827, 17.6256, 23.5941

Triad

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



18.2465, 17.6256, 27.2513



18.2266, 17.6256, 12.8776



14.0306, 17.6256, 19.2223

Complementary

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



18.2465, 17.6256, 27.2513



22.1907, 25.0171, 19.2827

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.



14.3719, 17.6256, 15.3734



18.2465, 17.6256, 27.2513



16.7418, 17.6256, 12.0592

Square

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



18.2465, 17.6256, 27.2513



19.3708, 17.6256, 15.3271



15.3426, 17.6256, 12.9014



14.3817, 17.6256, 23.6559

Rectangle

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



18.2465, 17.6256, 27.2513



19.7588, 17.6256, 20.6297



15.3426, 17.6256, 12.9014



14.0679, 17.6256, 17.8214

Sweetspot

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



18.2470, 17.6263, 27.2517



39.9009, 40.9967, 49.5531



20.0900, 22.4963, 28.0946



9.1131, 9.3420, 11.4023



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.



18.2470, 17.6263, 27.2517



29.9702, 28.2798, 47.6219



20.2098, 18.6382, 27.3435



4.8719, 4.9424, 6.3030



4.7260, 1.9504, 22.1731



0.0421, 0.0185, 0.1478

Inverse Universe

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



21.0239, 19.1076, 25.1349



35.7866, 31.3843, 43.0992



20.1954, 23.9885, 19.1894



5.1871, 5.1103, 6.0737



12.0648, 5.9360, 13.3776



0.0856, 0.0416, 0.1174

Previews

White Background



This preview shows how the XYZ color 18.2465, 17.6256, 27.2513 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2465, 17.6256, 27.2513 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 18.2465, 17.6256, 27.2513

Background



This preview shows how black text looks on a background with the XYZ color 18.2465, 17.6256, 27.2513.



This preview shows how white text looks on a background with the XYZ color 18.2465, 17.6256,

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

18.2465, 17.6256, 27.2513

Protanopia

17.5688, 17.5940, 28.0612

Deuteranopia

17.9534, 17.6411, 27.2698



Tritanopia

17.1495, 17.6845, 21.9116

Trichromacy



Original Color

18.2465, 17.6256, 27.2513

Protanomaly

17.7645, 17.5351, 27.6476

Deuteranomaly

18.0871, 17.7100, 27.2760

Tritanomaly

17.4961, 17.6551, 23.6047

Monochromacy



Original Color

18.2465, 17.6256, 27.2513

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4825, 17.8487, 22.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2465, 17.6256, 27.2513 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(119, 113, 140)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 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(119, 113, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 140) }
```

Border

The CSS property to change the border of an element to XYZ 18.2465, 17.6256, 27.2513 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(119, 113, 140) }
```


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

```
.border{ border-color:rgb(119, 113, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 113, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 140);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2465, 17.6256, 27.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 140) }
```

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

```
.background{ background-color: rgb(119,  
113, 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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