

Converting Colors

XYZ(18.8866, 25.6039, 20.6106)

Have a look what the booklet for
XYZ(18.8866, 25.6039, 20.6106)
contains.

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Color

**XYZ(18.7780, 25.5065,
20.4565)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9674
RGB	95, 150, 116
RGB Percent	37%, 59%, 45%
CMY	0.6274, 0.4118, 0.5451
CMYK	0.37, 0.00, 0.23, 0.41
HSL	143°, 22%, 48%
HSV	143°, 37%, 59%
XYZ	18.7780, 25.5065, 20.4565
YIQ	129.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

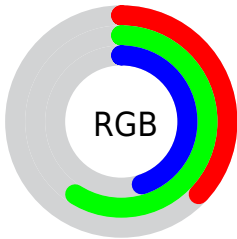
Format	Color
R_{YB}	95, 135, 150
Decimal	6264436
CIE _{Lab}	57.57, -25.88, 12.29
CIE _{LCh}	58, 28.652, 154.601
Yxy	25.5065, 0.2900, 0.3940
Android (android.graphics.Color)	4284454516 (0xFF5F9674)
YUV	129.6790, -6.7437, -30.4135
Hunter-Lab	50.5040, -22.0134, 11.3375

Details

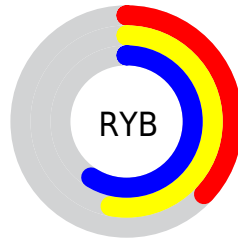
The XYZ color **18.7780, 25.5065, 20.4565** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6331, 16.2540, 22.8197**, and the grayscale version is **21.1338, 22.2344, 24.2133**.

A 20% lighter version of the original color is **40.6934, 52.2159, 44.9797**, and **6.5874, 9.8989, 7.0323** is the 20% darker color. If you saturate the color by 10%, you get **16.8547, 24.5750, 17.6902**, and if you desaturate by 10%, it is **21.0566, 26.6164, 23.5217**.

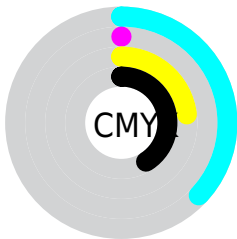
Distribution



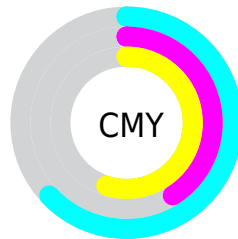
- Red (37%)
- Green (59%)
- Blue (45%)



- Red (37%)
- Yellow (53%)
- Blue (59%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7780, 25.5065, 20.4565 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 18.7780, 25.5065, 20.4565 by changing the saturation by 10% instead.

■ 18.7780, 25.5065,
20.4565

■ 18.7780, 25.5065,
20.4565

238.1821,
280.3510, 267.0613

■ 11.6130, 16.4548,
12.5399

■ 40.8784, 52.4777,
45.0502

■ 6.5511, 9.8466,
6.9855

■ 56.5446, 71.1661,
62.5645

■ 3.2268, 5.2973,
3.3748

■ 75.7752, 93.8354,
84.1150

■ 1.2748, 2.4228,
1.2890

■ 98.9355, 120.8702,
110.1204

■ 0.1642, 0.8376,
0.0528

126.3911,
152.6547, 140.9992

■ 0.0000, 0.0000,
0.0000

158.5071,

189.5734, 177.1699

195.6490,
232.0107, 219.0511

■ 18.7780, 25.5065,
20.4565

■ 18.7780, 25.5065,
20.4565

■ 16.8547, 24.5750,
17.6902

■ 21.0566, 26.6164,
23.5217

■ 15.2658, 23.8090,
15.2119

■ 23.7058, 27.9103,
26.8927

■ 13.9912, 23.1993,
13.0126


■ 26.7427, 29.3974,
30.5784


■ 13.0079, 22.7341,
11.0823


■ 30.1823, 31.0854,
34.5868


■ 12.2893, 22.4000,
9.4102


■ 34.0391, 32.9816,
38.9255


 11.7946, 22.1760,
7.9842

 38.3269, 35.0930,
43.6020

 11.6521, 22.1118,
7.5605

 43.0586, 37.4260,
48.6235

 48.2467, 39.9870,
53.9970

 53.9032, 42.7821,
59.7292

Harmonies

Analogous

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



20.6995, 25.5065, 14.9823



18.7780, 25.5065, 20.4565



18.2649, 25.5065, 29.3096

Triad

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



18.7780, 25.5065, 20.4565



24.7742, 25.5065, 51.0739



30.0648, 25.5065, 18.3969

Complementary

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



18.7780, 25.5065, 20.4565



20.6331, 16.2540, 22.8197

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.



31.4014, 25.5065, 26.2896



18.7780, 25.5065, 20.4565



28.1698, 25.5065, 46.3234

Square

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



18.7780, 25.5065, 20.4565



21.5323, 25.5065, 48.4795



30.6775, 25.5065, 36.6523



27.1726, 25.5065, 14.0039

Rectangle

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



18.7780, 25.5065, 20.4565



18.7454, 25.5065, 36.3673



30.6775, 25.5065, 36.6523



30.7227, 25.5065, 20.6508

Sweetspot

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



18.7787, 25.5076, 20.4571



44.6682, 50.6406, 50.9330



22.1531, 27.3727, 14.9426



9.7567, 11.1529, 11.1145



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.7787, 25.5076, 20.4571



30.3102, 43.6416, 32.0589



20.5591, 26.2197, 29.8328



5.8158, 6.5029, 6.6407



9.6784, 18.3441, 6.3478



0.1320, 0.2300, 0.1493

Inverse Universe

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



20.6331, 16.2540, 22.8197



34.0697, 24.8615, 36.8335



19.0854, 15.6349, 14.6695



5.9424, 5.8720, 6.8028



12.0763, 6.0356, 9.1489



0.1622, 0.0796, 0.1879

Previews

White Background



This preview shows how the XYZ color 18.7780, 25.5065, 20.4565 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 18.7780, 25.5065, 20.4565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

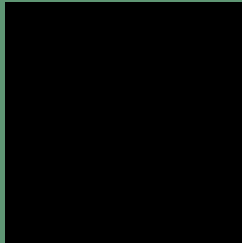
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7780, 25.5065, 20.4565

Background



This preview shows how black text looks on a background with the XYZ color 18.7780, 25.5065, 20.4565.



This preview shows how white text looks on a background with the XYZ color 18.7780, 25.5065,

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

18.7780, 25.5065, 20.4565

Protanopia

23.6142, 25.1281, 18.3575

Deuteranopia

25.6823, 25.2992, 21.2989



Tritanopia

21.8351, 25.5942, 35.2418

Trichromacy



Original Color

18.7780, 25.5065, 20.4565

Protanomaly

21.3500, 25.0279, 19.0348

Deuteranomaly

22.3939, 24.8655, 21.0720

Tritanomaly

20.6083, 25.5572, 29.0462

Monochromacy



Original Color

18.7780, 25.5065, 20.4565

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.9834, 23.1539, 22.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7780, 25.5065, 20.4565 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(95, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(95, 150, 116)  
}
```

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(95, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 150, 116) }
```

Border

The CSS property to change the border of an element to XYZ 18.7780, 25.5065, 20.4565 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(95, 150, 116) }
```


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

```
.border{ border-color:rgb(95, 150, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 150, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(95, 150,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7780, 25.5065, 20.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 150, 116) }
```

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

```
.background{ background-color: rgb(95, 150,  
116) }
```

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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