

Converting Colors

XYZ(19.1302, 25.7892, 18.7173)

Have a look what the booklet for
XYZ(19.1302, 25.7892, 18.7173)
contains.

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Color

**XYZ(19.0876, 25.7052,
18.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	65966E
RGB	101, 150, 110
RGB Percent	40%, 59%, 43%
CMY	0.6039, 0.4118, 0.5686
CMYK	0.33, 0.00, 0.27, 0.41
HSL	131°, 20%, 49%
HSV	131°, 33%, 59%
XYZ	19.0876, 25.7052, 18.7074
YIQ	130.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

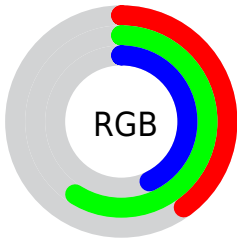
Format	Color
RYB	101, 142, 150
Decimal	6657646
CIELab	57.76, -25.11, 15.98
CIELCh	58, 29.766, 147.529
Yxy	25.7052, 0.3006, 0.4048
Android (android.graphics.Color)	4284847726 (0xFF65966E)
YUV	130.7890, -10.2490, -26.1250
Hunter-Lab	50.7003, -21.5240, 13.6134

Details

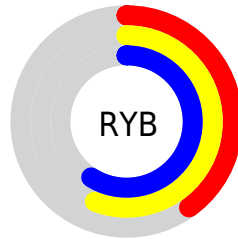
The XYZ color **19.0876, 25.7052, 18.7074** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0399, 17.7149, 27.4579**, and the grayscale version is **21.5382, 22.6599, 24.6766**.

A 20% lighter version of the original color is **41.2513, 52.5667, 42.1546**, and **6.6966, 9.9753, 6.1299** is the 20% darker color. If you saturate the color by 10%, you get **16.9377, 24.6694, 15.3640**, and if you desaturate by 10%, it is **21.6376, 26.9380, 22.5516**.

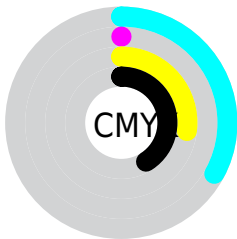
Distribution



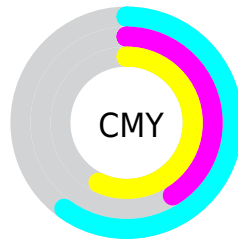
- Red (40%)
- Green (59%)
- Blue (43%)



- Red (40%)
- Yellow (56%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0876, 25.7052, 18.7074 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 19.0876, 25.7052, 18.7074 by changing the saturation by 10% instead.

■ 19.0876, 25.7052,
18.7074

■ 19.0876, 25.7052,
18.7074

239.8608,
281.3319, 257.1973

■ 11.8380, 16.6032,
11.2844

■ 41.3978, 52.7990,
42.0692

■ 6.7049, 9.9520,
6.1419

■ 57.1891, 71.5596,
58.8450

■ 3.3229, 5.3672,
2.8614

■ 76.5583, 94.3085,
79.5755

■ 1.3267, 2.4643,
1.0243

■ 99.8708, 121.4302,
104.6793

■ 0.2031, 0.8587,
0.0000

127.4919,
153.3089, 134.5748

■ 0.0000, 0.0000,
0.0000

159.7871,

190.3292, 169.6806

197.1216,
232.8754, 210.4153

■ 19.0876, 25.7052,
18.7074

■ 19.0876, 25.7052,
18.7074

■ 16.9377, 24.6694,
15.3640

■ 21.6376, 26.9380,
22.5516

■ 15.1655, 23.8174,
12.4991

■ 24.6045, 28.3741,
26.9143

■ 13.7492, 23.1391,
10.0913

■ 28.0070, 30.0232,
31.8144

■ 12.6642, 22.6223,
8.1169

■ 31.8615, 31.8935,
37.2692

■ 11.8825, 22.2532,
6.5500

■ 36.1841, 33.9930,
43.2955

■ 11.3715, 22.0155,
5.3620

■ 40.9897, 36.3290,
49.9093

■ 11.1112, 21.8955,
4.7114

■ 46.2928, 38.9085,
57.1257

■ 52.1070, 41.7385,
64.9597

■ 58.4457, 44.8254,
73.4254

Harmonies

Analogous

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



21.3954, 25.7052, 13.9273



19.0876, 25.7052, 18.7074



18.1972, 25.7052, 27.1498

Triad

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



19.0876, 25.7052, 18.7074



24.1374, 25.7052, 52.5740



31.0368, 25.7052, 19.8519

Complementary

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



19.0876, 25.7052, 18.7074



22.0399, 17.7149, 27.4579

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.



31.9496, 25.7052, 28.8445



19.0876, 25.7052, 18.7074



27.7431, 25.7052, 49.2852

Square

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



19.0876, 25.7052, 18.7074



20.9298, 25.7052, 48.0599



30.6911, 25.7052, 39.9217



28.3046, 25.7052, 14.4662

Rectangle

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



19.0876, 25.7052, 18.7074



18.4550, 25.7052, 34.3353



30.6911, 25.7052, 39.9217



31.5776, 25.7052, 22.4766

Sweetspot

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



19.0883, 25.7063, 18.7080



44.8304, 50.7551, 49.5427



24.2437, 28.4178, 16.5194



9.7735, 11.1698, 10.7453



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.



19.0883, 25.7063, 18.7080



30.9199, 44.0301, 28.7351



20.6108, 26.3153, 26.7253



5.7705, 6.4848, 6.4025



9.2241, 18.1624, 3.9559



0.1210, 0.2255, 0.0910

Inverse Universe

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



22.0399, 17.7149, 27.4579



36.9307, 27.7431, 46.5441



20.4146, 17.0648, 18.8993



5.9901, 5.8911, 7.0540



13.3790, 6.5567, 16.0087



0.1733, 0.0841, 0.2462

Previews

White Background



This preview shows how the XYZ color 19.0876, 25.7052, 18.7074 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 19.0876, 25.7052, 18.7074 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 19.0876, 25.7052, 18.7074

Background



This preview shows how black text looks on a background with the XYZ color 19.0876, 25.7052, 18.7074.



This preview shows how white text looks on a background with the XYZ color 19.0876, 25.7052,

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

19.0876, 25.7052, 18.7074

Protanopia

23.8510, 25.4928, 17.0281

Deuteranopia

25.9220, 25.4635, 19.4683



Tritanopia

22.4044, 25.6618, 35.2249

Trichromacy



Original Color

19.0876, 25.7052, 18.7074

Protanomaly

21.6869, 25.2328, 17.6373

Deuteranomaly

22.8607, 25.1465, 19.2716

Tritanomaly

21.0025, 25.5476, 28.2503

Monochromacy



Original Color

19.0876, 25.7052, 18.7074

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.4094, 23.6001, 22.2185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0876, 25.7052, 18.7074 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(101, 150, 110)` looks like.

```
.text, #text, p{  
    color:rgb(101, 150, 110)  
}
```

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(101, 150, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 150, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.0876, 25.7052, 18.7074 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(101, 150, 110) }
```


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

```
.border{ border-color:rgb(101, 150, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 150, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 150, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 150, 110);  
box-shadow:4px 4px 4px 4px rgb(101, 150,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0876, 25.7052, 18.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 150, 110) }
```

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

```
.background{ background-color: rgb(101,  
150, 110) }
```

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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