

Converting Colors

XYZ(19.9564, 25.9439, 19.9586)

Have a look what the booklet for
XYZ(19.9564, 25.9439, 19.9586)
contains.

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Color

**XYZ(19.8481, 25.8356,
19.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9572
RGB	107, 149, 114
RGB Percent	42%, 58%, 45%
CMY	0.5804, 0.4157, 0.5529
CMYK	0.28, 0.00, 0.23, 0.42
HSL	130°, 17%, 50%
HSV	130°, 28%, 58%
XYZ	19.8481, 25.8356, 19.8603
YIQ	132.4520, -13.7970, -19.7890

Conversions

Conversions Part 2

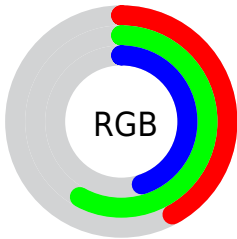
Format	Color
R_{YB}	107, 143, 149
Decimal	7050610
CIE _{Lab}	57.88, -21.81, 13.96
CIE _{LCh}	58, 25.894, 147.386
Yxy	25.8356, 0.3028, 0.3942
Android (android.graphics.Color)	4285240690 (0xFF6B9572)
YUV	132.4520, -9.0968, -22.3214
Hunter-Lab	50.8287, -19.2479, 12.4137

Details

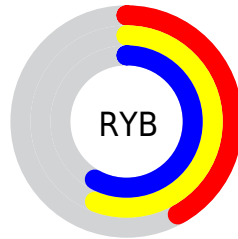
The XYZ color **19.8481, 25.8356, 19.8603** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5354, 18.8585, 28.0444**, and the grayscale version is **22.1314, 23.2840, 25.3563**.

A 20% lighter version of the original color is **42.5369, 52.8360, 44.0328**, and **7.0960, 10.0283, 6.7159** is the 20% darker color. If you saturate the color by 10%, you get **17.5493, 24.7275, 16.3106**, and if you desaturate by 10%, it is **22.5529, 27.1434, 23.9310**.

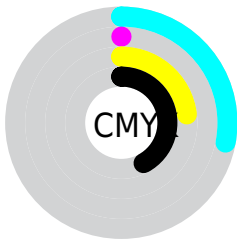
Distribution



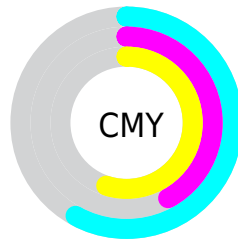
- Red (42%)
- Green (58%)
- Blue (45%)



- Red (42%)
- Yellow (56%)
- Blue (58%)



- Cyan (28%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (58%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8481, 25.8356, 19.8603 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 19.8481, 25.8356, 19.8603 by changing the saturation by 10% instead.

■ 19.8481, 25.8356,
19.8603

■ 19.8481, 25.8356,
19.8603

243.9409,
281.9741, 263.7370

■ 12.3923, 16.7007,
12.1105

■ 42.6683, 53.0096,
44.0387

■ 7.0855, 10.0213,
6.6955

■ 58.7633, 71.8175,
61.3044

■ 3.5625, 5.4131,
3.1969

■ 78.4688, 94.6185,
82.5791

■ 1.4577, 2.4916,
1.1960

■ 102.1502,
121.7970, 108.2814

■ 0.2968, 0.8724,
0.0000

130.1727,
153.7375, 138.8298

■ 0.0000, 0.0000,
0.0000

162.9018,

190.8242, 174.6428

200.7027,
233.4416, 216.1390

■ 19.8481, 25.8356,
19.8603

■ 19.8481, 25.8356,
19.8603

■ 17.5493, 24.7275,
16.3106

■ 22.5529, 27.1434,
23.9310

■ 15.6349, 23.8061,
13.2592

■ 25.6801, 28.6568,
28.5408

■ 14.0842, 23.0621,
10.6843

■ 29.2475, 30.3851,
33.7089

■ 12.8737, 22.4838,
8.5618

■ 33.2713, 32.3365,
39.4533

■ 11.9772, 22.0582,
6.8655

■ 37.7669, 34.5185,
45.7908

■ 11.3645, 21.7705,
5.5664

■ 42.7491, 36.9383,
52.7380

■ 10.9805, 21.5928,
4.6311

■ 48.2319, 39.6028,
60.3104

■ 10.9216, 21.5654,
4.4973

■ 54.2287, 42.5187,
68.5233

■ 60.7525, 45.6923,
77.3911

Harmonies

Analogous

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



21.9024, 25.8356, 15.4820



19.8481, 25.8356, 19.8603



19.0450, 25.8356, 27.3553

Triad

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



19.8481, 25.8356, 19.8603



24.2837, 25.8356, 48.9835



30.2680, 25.8356, 20.9545

Complementary

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



19.8481, 25.8356, 19.8603



22.5354, 18.8585, 28.0444

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.



31.0390, 25.8356, 28.9204



19.8481, 25.8356, 19.8603



27.4156, 25.8356, 46.2781

Square

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



19.8481, 25.8356, 19.8603



21.4668, 25.8356, 45.1961



29.9550, 25.8356, 38.4270



27.9281, 25.8356, 16.0135

Rectangle

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



19.8481, 25.8356, 19.8603



19.2716, 25.8356, 33.5742



29.9550, 25.8356, 38.4270



30.7274, 25.8356, 23.3097

Sweetspot

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



19.8488, 25.8367, 19.8609



46.0036, 51.3259, 51.1339



24.5576, 28.3085, 18.0799



10.0114, 11.2856, 11.0634



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.



19.8488, 25.8367, 19.8609



32.7878, 44.9376, 31.3299



21.1848, 26.3711, 26.8961



5.7667, 6.4833, 6.3824



9.1997, 18.1527, 3.8270



0.1200, 0.2251, 0.0860

Inverse Universe

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



22.5354, 18.8585, 28.0444



38.4322, 30.2685, 48.5170



21.1041, 18.2859, 20.5069



5.9942, 5.8928, 7.0758



13.5117, 6.6097, 16.7076



0.1742, 0.0844, 0.2512

Previews

White Background



This preview shows how the XYZ color 19.8481, 25.8356, 19.8603 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 19.8481, 25.8356, 19.8603 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 19.8481, 25.8356, 19.8603

Background



This preview shows how black text looks on a background with the XYZ color 19.8481, 25.8356, 19.8603.



This preview shows how white text looks on a background with the XYZ color 19.8481, 25.8356,

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

19.8481, 25.8356, 19.8603

Protanopia

24.0615, 25.5770, 18.1367

Deuteranopia

25.8965, 25.4303, 20.3733



Tritanopia

22.9599, 25.9579, 34.8106

Trichromacy



Original Color

19.8481, 25.8356, 19.8603

Protanomaly

22.2151, 25.4802, 18.7862

Deuteranomaly

23.2002, 25.3016, 20.1839

Tritanomaly

21.6946, 25.8960, 28.6659

Monochromacy



Original Color

19.8481, 25.8356, 19.8603

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9585, 23.8686, 22.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8481, 25.8356, 19.8603 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(107, 149, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 149, 114)  
}
```

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(107, 149, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 149, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.8481, 25.8356, 19.8603 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(107, 149, 114) }
```


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

```
.border{ border-color:rgb(107, 149, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 149, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 149, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 149, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 149,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8481, 25.8356, 19.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 149, 114) }
```

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

```
.background{ background-color: rgb(107,  
149, 114) }
```

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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