

Converting Colors

XYZ(19.0254, 25.5496, 11.5928)

Have a look what the booklet for
XYZ(19.0254, 25.5496, 11.5928)
contains.

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Color

**XYZ(19.0055, 25.5848,
11.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	719550
RGB	113, 149, 80
RGB Percent	44%, 58%, 31%
CMY	0.5569, 0.4157, 0.6863
CMYK	0.24, 0.00, 0.46, 0.42
HSL	91°, 30%, 45%
HSV	91°, 46%, 58%
XYZ	19.0055, 25.5848, 11.5261
YIQ	130.3700, 0.6930, -29.0910

Conversions

Conversions Part 2

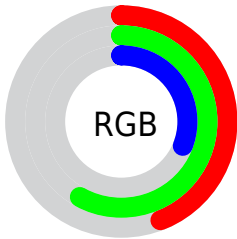
Format	Color
RYB	80, 149, 116
Decimal	7443792
CIELab	57.64, -25.04, 32.36
CIELCh	58, 40.911, 127.730
Yxy	25.5848, 0.3387, 0.4559
Android (android.graphics.Color)	4285633872 (0xFF719550)
YUV	130.3700, -24.8324, -15.2335
Hunter-Lab	50.5814, -21.4478, 21.8965

Details

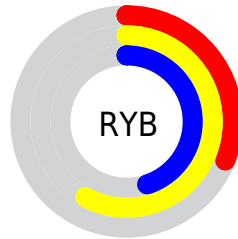
The XYZ color **19.0055, 25.5848, 11.5261** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.4970, 11.6210, 29.8615**, and the grayscale version is **21.4350, 22.5513, 24.5583**.

A 20% lighter version of the original color is **41.1786, 52.4576, 29.4277**, and **6.6783, 9.8964, 2.9247** is the 20% darker color. If you saturate the color by 10%, you get **17.5573, 24.8957, 8.8965**, and if you desaturate by 10%, it is **20.6628, 26.3691, 14.8039**.

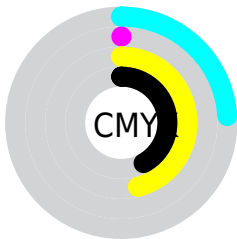
Distribution



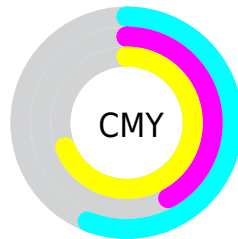
- Red (44%)
- Green (58%)
- Blue (31%)



- Red (31%)
- Yellow (58%)
- Blue (45%)



- Cyan (24%)
- Magenta (0%)
- Yellow (46%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0055, 25.5848, 11.5261 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 19.0055, 25.5848, 11.5261 by changing the saturation by 10% instead.

■ 19.0055, 25.5848,
11.5261

■ 19.0055, 25.5848,
11.5261

239.4166,
280.7379, 212.1075

■ 11.7783, 16.5133,
6.3033

■ 41.2602, 52.6044,
29.2804

■ 6.6640, 9.8881,
2.9586

■ 57.0184, 71.3212,
42.6489

■ 3.2973, 5.3248,
1.0735

■ 76.3509, 94.0219,
59.5697

■ 1.3129, 2.4391,
0.0000

■ 99.6232, 121.0910,
80.4614

■ 0.1928, 0.8459,
0.0000

■ 127.2006,
152.9127, 105.7425

■ 0.0000, 0.0000,
0.0000

159.4483,

189.8715, 135.8315

196.7319,
232.3518, 171.1470

■ 19.0055, 25.5848,
11.5261

■ 19.0055, 25.5848,
11.5261

■ 17.5573, 24.8957,
8.8965

■ 20.6628, 26.3691,
14.8039

■ 16.3061, 24.2942,
6.8703

■ 22.5367, 27.2494,
18.7674

■ 15.2409, 23.7766,
5.3997


■ 24.6368, 28.2305,
23.4532


■ 14.3490, 23.3374,
4.4290


■ 26.9713, 29.3159,
28.8949


■ 13.6120, 22.9689,
3.8740


■ 29.5480, 30.5091,
35.1238

 13.3655, 22.8453,
3.7052

 32.3743, 31.8131,
42.1695

 35.4574, 33.2310,
50.0603

 38.8040, 34.7658,
58.8228

 42.4207, 36.4202,
68.4827

Harmonies

Analogous

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



23.0746, 25.5848, 8.7866



19.0055, 25.5848, 11.5261



16.6128, 25.5848, 18.8478

Triad

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



19.0055, 25.5848, 11.5261



20.9255, 25.5848, 60.9472



34.8755, 25.5848, 24.3900

Complementary

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



19.0055, 25.5848, 11.5261



15.4970, 11.6210, 29.8615

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.



34.0981, 25.5848, 39.3595



19.0055, 25.5848, 11.5261



25.6044, 25.5848, 63.9685

Square

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



19.0055, 25.5848, 11.5261



17.6133, 25.5848, 47.7994



30.5373, 25.5848, 55.0443



32.5381, 25.5848, 14.4143

Rectangle

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



19.0055, 25.5848, 11.5261



16.0803, 25.5848, 26.8046



30.5373, 25.5848, 55.0443



34.9749, 25.5848, 28.9376

Sweetspot

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



19.0061, 25.5859, 11.5267



44.9311, 50.9329, 43.8614



20.0485, 19.3800, 10.2738



9.7827, 11.2061, 9.3198



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.



19.0061, 25.5859, 11.5267



31.2428, 44.4878, 15.5914



15.5473, 23.7979, 11.5885



5.9777, 6.5963, 6.1986



11.2823, 19.2441, 3.1198



0.1718, 0.2529, 0.0398

Inverse Universe

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



15.4970, 11.6210, 29.8615



24.1231, 16.1678, 52.7705



20.5975, 14.2610, 29.6232



5.7709, 5.7729, 7.2799



7.2269, 3.1982, 24.1674



0.1225, 0.0567, 0.2974

Previews

White Background



This preview shows how the XYZ color 19.0055, 25.5848, 11.5261 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 19.0055, 25.5848, 11.5261 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 19.0055, 25.5848, 11.5261

Background



This preview shows how black text looks on a background with the XYZ color 19.0055, 25.5848, 11.5261.



This preview shows how white text looks on a background with the XYZ color 19.0055, 25.5848,

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

19.0055, 25.5848, 11.5261

Protanopia

23.3419, 25.3742, 10.5049

Deuteranopia

25.7878, 25.3581, 11.9229



Tritanopia

23.3608, 25.5277, 33.4019

Trichromacy



Original Color

19.0055, 25.5848, 11.5261

Protanomaly

21.4938, 25.2851, 10.7688

Deuteranomaly

22.6824, 25.0045, 11.8145

Tritanomaly

21.3469, 25.3748, 23.5114

Monochromacy



Original Color

19.0055, 25.5848, 11.5261

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1825, 23.3463, 18.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0055, 25.5848, 11.5261 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(113, 149, 80)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 80)  
}
```

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(113, 149, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 80) }
```

Border

The CSS property to change the border of an element to XYZ 19.0055, 25.5848, 11.5261 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(113, 149, 80) }
```


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

```
.border{ border-color:rgb(113, 149, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 149, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 149, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 149, 80);  
box-shadow:4px 4px 4px 4px rgb(113, 149,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0055, 25.5848, 11.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 80) }
```

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

```
.background{ background-color: rgb(113,  
149, 80) }
```

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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