

Converting Colors

XYZ(19.4970, 25.6277, 21.0586)

Have a look what the booklet for
XYZ(19.4970, 25.6277, 21.0586)
contains.

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Color

**XYZ(19.4970, 25.6277,
21.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	669576
RGB	102, 149, 118
RGB Percent	40%, 58%, 46%
CMY	0.6000, 0.4157, 0.5372
CMYK	0.32, 0.00, 0.21, 0.42
HSL	140°, 19%, 49%
HSV	140°, 32%, 58%
XYZ	19.4970, 25.6277, 21.0586
YIQ	131.4130, -18.0610, -19.6050

Conversions

Conversions Part 2

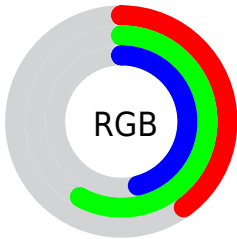
Format	Color
R_{YB}	102, 137, 149
Decimal	6722934
CIE _{Lab}	57.68, -22.71, 11.38
CIE _{LCh}	58, 25.404, 153.395
Yxy	25.6277, 0.2946, 0.3872
Android (android.graphics.Color)	4284913014 (0xFF669576)
YUV	131.4130, -6.6126, -25.7952
Hunter-Lab	50.6238, -19.8451, 10.7731

Details

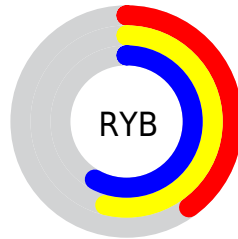
The XYZ color **19.4970, 25.6277, 21.0586** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3804, 17.5864, 24.4591**, and the grayscale version is **21.7493, 22.8820, 24.9185**.

A 20% lighter version of the original color is **41.9381, 52.4842, 45.9503**, and **6.9414, 9.9344, 7.3460** is the 20% darker color. If you saturate the color by 10%, you get **17.4039, 24.6134, 18.0693**, and if you desaturate by 10%, it is **21.9559, 26.8250, 24.3838**.

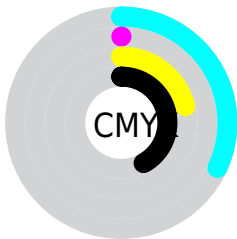
Distribution



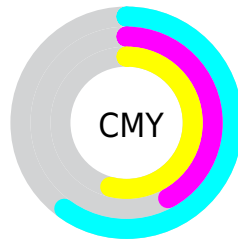
- Red (40%)
- Green (58%)
- Blue (46%)



- Red (40%)
- Yellow (54%)
- Blue (58%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4970, 25.6277, 21.0586 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 19.4970, 25.6277, 21.0586 by changing the saturation by 10% instead.

■ 19.4970, 25.6277,
21.0586

■ 19.4970, 25.6277,
21.0586

242.0647,
280.9497, 270.3810

■ 12.1361, 16.5453,
12.9752

■ 42.0827, 52.6737,
46.0671

■ 6.9093, 9.9109,
7.2809

■ 58.0381, 71.4062,
63.8293

■ 3.4513, 5.3399,
3.5573

■ 77.5891, 94.1241,
85.6547

■ 1.3966, 2.4480,
1.3858

■ 101.1010,
121.2119, 111.9621

■ 0.2538, 0.8504,
0.1306

128.9391,
153.0539, 143.1699

■ 0.0000, 0.0000,
0.0000

161.4689,

190.0347, 179.6966

199.0556,
232.5384, 221.9608

■ 19.4970, 25.6277,
21.0586

■ 19.4970, 25.6277,
21.0586

■ 17.4039, 24.6134,
18.0693

■ 21.9559, 26.8250,
24.3838

■ 15.6564, 23.7697,
15.4037

■ 24.7954, 28.2105,
28.0533

■ 14.2354, 23.0878,
13.0513


■ 28.0319, 29.7933,
32.0772


■ 13.1192, 22.5566,
11.0003


■ 31.6803, 31.5808,
36.4649


■ 12.2831, 22.1637,
9.2383

■ 35.7546, 33.5800,
41.2251


 11.6983, 21.8945,
7.7516

 40.2682, 35.7977,
46.3665

 11.3394, 21.7324,
6.6971

 45.2339, 38.2404,
51.8974

 50.6641, 40.9141,
57.8259

 56.5705, 43.8249,
64.1596

Harmonies

Analogous

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



21.2807, 25.6277, 16.1315



19.4970, 25.6277, 21.0586



18.9770, 25.6277, 28.9072

Triad

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



19.4970, 25.6277, 21.0586



24.7061, 25.6277, 48.1727



29.5716, 25.6277, 19.6673

Complementary

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



19.4970, 25.6277, 21.0586



21.3804, 17.5864, 24.4591

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.



30.6716, 25.6277, 26.9247



19.4970, 25.6277, 21.0586



27.7193, 25.6277, 44.3438

Square

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



19.4970, 25.6277, 21.0586



21.8333, 25.6277, 45.7073



29.9673, 25.6277, 36.0926



27.0710, 25.6277, 15.4533

Rectangle

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



19.4970, 25.6277, 21.0586



19.3779, 25.6277, 35.0928



29.9673, 25.6277, 36.0926



30.1265, 25.6277, 21.7712

Sweetspot

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



19.4977, 25.6288, 21.0592



45.7069, 51.1561, 51.8813



22.8723, 27.4691, 16.6674



9.9653, 11.2568, 11.2913



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.



19.4977, 25.6288, 21.0592



32.1429, 44.5501, 33.7841



21.0479, 26.2489, 29.2227



5.8062, 6.4991, 6.5904



9.5561, 18.2952, 5.7037



0.1297, 0.2290, 0.1371

Inverse Universe

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



21.3804, 17.5864, 24.4591



36.0683, 27.7679, 40.8625



19.9520, 17.0151, 16.9375



5.9523, 5.8760, 6.8548



12.3125, 6.1300, 10.3924



0.1645, 0.0806, 0.2001

Previews

White Background



This preview shows how the XYZ color 19.4970, 25.6277, 21.0586 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 19.4970, 25.6277, 21.0586 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 19.4970, 25.6277, 21.0586

Background



This preview shows how black text looks on a background with the XYZ color 19.4970, 25.6277, 21.0586.



This preview shows how white text looks on a background with the XYZ color 19.4970, 25.6277,

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

19.4970, 25.6277, 21.0586

Protanopia

23.9232, 25.4802, 19.2801

Deuteranopia

25.7433, 25.3236, 21.6203



Tritanopia

22.3201, 25.6281, 34.7807

Trichromacy



Original Color

19.4970, 25.6277, 21.0586

Protanomaly

21.9734, 25.3296, 19.9506

Deuteranomaly

22.9393, 25.1397, 21.4127

Tritanomaly

21.2248, 25.6366, 29.4209

Monochromacy



Original Color

19.4970, 25.6277, 21.0586

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.6001, 23.6764, 23.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4970, 25.6277, 21.0586 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(102, 149, 118)` looks like.

```
.text, #text, p{  
    color:rgb(102, 149, 118)  
}
```

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(102, 149, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 149, 118) }
```

Border

The CSS property to change the border of an element to XYZ 19.4970, 25.6277, 21.0586 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(102, 149, 118) }
```


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

```
.border{ border-color:rgb(102, 149, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 149, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 149, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 149, 118);  
box-shadow:4px 4px 4px 4px rgb(102, 149,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4970, 25.6277, 21.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 149, 118) }
```

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

```
.background{ background-color: rgb(102,  
149, 118) }
```

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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