

Converting Colors

XYZ(26.0600, 29.4260, 18.1665)

Have a look what the booklet for
XYZ(26.0600, 29.4260, 18.1665)
contains.

XYZ(25.9546, 29.2638, 18.1904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9546, 29.2638,
18.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	95966B
RGB	149, 150, 107
RGB Percent	58%, 59%, 42%
CMY	0.4157, 0.4117, 0.5804
CMYK	0.01, 0.00, 0.29, 0.41
HSL	61°, 17%, 50%
HSV	61°, 29%, 59%
XYZ	25.9546, 29.2638, 18.1904
YIQ	144.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

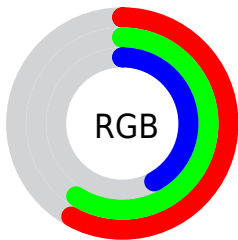
Format	Color
RYB	107, 150, 108
Decimal	9803371
CIELab	61.01, -7.57, 22.63
CIELCh	61, 23.863, 108.495
Yxy	29.2638, 0.3536, 0.3986
Android (android.graphics.Color)	4287993451 (0xFF95966B)
YUV	144.7990, -18.6349, 3.6843
Hunter-Lab	54.0960, -9.0260, 17.9303

Details

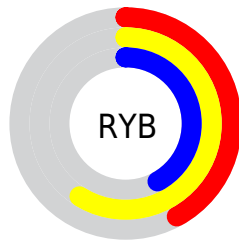
The XYZ color **25.9546, 29.2638, 18.1904** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9482, 15.9063, 31.0328**, and the grayscale version is **26.9021, 28.3031, 30.8221**.

A 20% lighter version of the original color is **52.7527, 58.5263, 41.3172**, and **10.2883, 11.8361, 5.8800** is the 20% darker color. If you saturate the color by 10%, you get **25.1694, 28.9434, 14.3855**, and if you desaturate by 10%, it is **26.8784, 29.6417, 22.7177**.

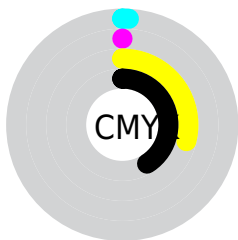
Distribution



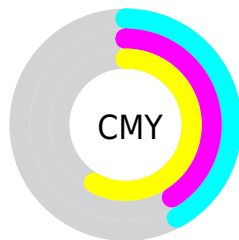
- Red (58%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9546, 29.2638, 18.1904 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 25.9546, 29.2638, 18.1904 by changing the saturation by 10% instead.

■ 25.9546, 29.2638,
18.1904

■ 25.9546, 29.2638,
18.1904

274.8199,
298.4576, 254.2141

■ 16.9222, 19.2805,
10.9159

■ 52.6335, 58.4960,
41.1798

■ 10.2740, 11.8731,
5.8969

■ 71.0107, 78.5136,
57.7318

■ 5.6446, 6.6573,
2.7147

■ 93.2336, 102.6447,
78.2134

■ 2.6688, 3.2487,
0.9508

■ 119.6674,
131.2738, 103.0431

■ 0.9812, 1.2629,
0.0000

150.6776,
164.7853, 132.6395

■ 0.0000, 0.1122,
0.0000

186.6296,

■ 0.0000, 0.0000,

203.5635, 167.4211

0.0000

227.8885,
247.9928, 207.8065

■ 25.9546, 29.2638,
18.1904

■ 25.9546, 29.2638,
18.1904

■ 25.1694, 28.9434,
14.3855

■ 26.8784, 29.6417,
22.7177

■ 24.5136, 28.6737,
11.2638

■ 27.9451, 30.0758,
28.0001

■ 23.9801, 28.4530,
8.7855

■ 29.1617, 30.5699,
34.0704

■ 23.5605, 28.2778,
6.9057

■ 30.5339, 31.1262,
40.9593

■ 23.2450, 28.1444,
5.5737

■ 32.0672, 31.7470,
48.6954

■ 23.0227, 28.0482,
4.7307

■ 33.7668, 32.4344,
57.3063

■ 22.8698, 27.9798,
4.2527

■ 35.6376, 33.1902,
66.8181

■ 22.8505, 27.9711,
4.1946

■ 37.6845, 34.0165,
77.2560

■ 39.9121, 34.9151,
88.6440

Harmonies

Analogous

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



29.0280, 29.2638, 17.8199



25.9546, 29.2638, 18.1904



23.5596, 29.2638, 21.7809

Triad

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



25.9546, 29.2638, 18.1904



24.0256, 29.2638, 46.5379



34.1161, 29.2638, 35.4141

Complementary

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



25.9546, 29.2638, 18.1904



16.9482, 15.9063, 31.0328

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.



32.5528, 29.2638, 44.6573



25.9546, 29.2638, 18.1904



26.6350, 29.2638, 51.8358

Square

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



25.9546, 29.2638, 18.1904



22.5047, 29.2638, 37.6294



29.7609, 29.2638, 51.0896



33.8996, 29.2638, 26.7185

Rectangle

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



25.9546, 29.2638, 18.1904



22.5984, 29.2638, 25.9715



29.7609, 29.2638, 51.0896



33.7768, 29.2638, 38.5849

Sweetspot

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



25.9553, 29.2651, 18.1910



49.2119, 53.0325, 48.9028



20.5652, 18.2117, 16.3416



10.8476, 11.7290, 10.5473



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.



25.9553, 29.2651, 18.1910



44.9421, 51.2914, 27.9219



22.4308, 27.4482, 18.0261



6.2522, 6.7378, 6.2115



18.9546, 23.1993, 3.4789



0.2354, 0.2857, 0.0427

Inverse Universe

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



16.9482, 15.9063, 31.0328



26.5435, 24.0026, 54.1552



19.8498, 17.4021, 31.1686



5.5113, 5.6390, 7.2677



4.6060, 1.8470, 24.0448



0.0589, 0.0239, 0.2944

Previews

White Background



This preview shows how the XYZ color 25.9546, 29.2638, 18.1904 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 25.9546, 29.2638, 18.1904 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

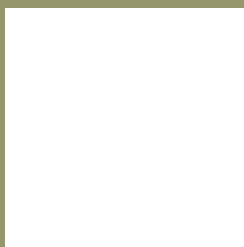
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9546, 29.2638, 18.1904

Background



This preview shows how black text looks on a background with the XYZ color 25.9546, 29.2638, 18.1904.



This preview shows how white text looks on a background with the XYZ color 25.9546, 29.2638,

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

25.9546, 29.2638, 18.1904

Protanopia

27.1358, 29.1771, 17.8372

Deuteranopia

29.7408, 29.1526, 18.5275



Tritanopia

29.4072, 29.2816, 35.1123

Trichromacy



Original Color

25.9546, 29.2638, 18.1904

Protanomaly

26.7090, 29.1890, 17.8620

Deuteranomaly

28.1971, 29.0286, 18.3043

Tritanomaly

28.0032, 29.1651, 28.1982

Monochromacy



Original Color

25.9546, 29.2638, 18.1904

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3845, 28.6171, 25.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9546, 29.2638, 18.1904 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(149, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 107)  
}
```

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(149, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.9546, 29.2638, 18.1904 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(149, 150, 107) }
```


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

```
.border{ border-color:rgb(149, 150, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9546, 29.2638, 18.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 107) }
```

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

```
.background{ background-color: rgb(149,  
150, 107) }
```

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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