

Converting Colors

XYZ(25.0882, 29.5308, 18.0929)

Have a look what the booklet for
XYZ(25.0882, 29.5308, 18.0929)
contains.

XYZ(25.1481, 29.5739, 18.0185)	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(25.1481, 29.5739,
18.0185)**

Conversions

Conversions Part 1

Format	Color
Hex	8E996A
RGB	142, 153, 106
RGB Percent	56%, 60%, 42%
CMY	0.4431, 0.4000, 0.5843
CMYK	0.07, 0.00, 0.31, 0.40
HSL	74°, 19%, 51%
HSV	74°, 31%, 60%
XYZ	25.1481, 29.5739, 18.0185
YIQ	144.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

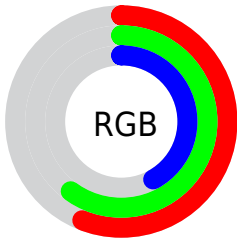
Format	Color
RYB	106, 153, 117
Decimal	9345386
CIELab	61.28, -12.13, 23.45
CIELCh	61, 26.400, 117.362
Yxy	29.5739, 0.3457, 0.4066
Android (android.graphics.Color)	4287535466 (0xFF8E996A)
YUV	144.3530, -18.9080, -2.0636
Hunter-Lab	54.3819, -12.6236, 18.4226

Details

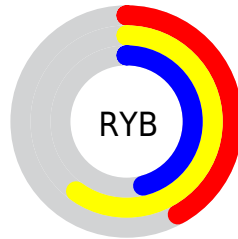
The XYZ color **25.1481, 29.5739, 18.0185** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2411, 16.3906, 32.3410**, and the grayscale version is **26.7238, 28.1155, 30.6178**.

A 20% lighter version of the original color is **51.2493, 58.8300, 41.0020**, and **9.8295, 12.0324, 5.8074** is the 20% darker color. If you saturate the color by 10%, you get **23.8179, 28.9730, 14.1670**, and if you desaturate by 10%, it is **26.6415, 30.2444, 22.6199**.

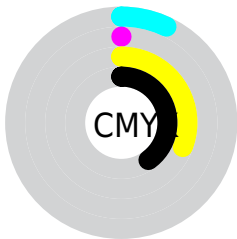
Distribution



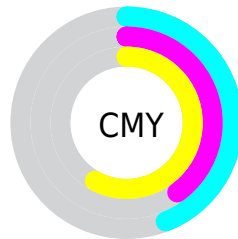
- Red (56%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (46%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1481, 29.5739, 18.0185 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 25.1481, 29.5739, 18.0185 by changing the saturation by 10% instead.

■ 25.1481, 29.5739,
18.0185

■ 25.1481, 29.5739,
18.0185

270.9087,
299.9132, 253.2149

■ 16.3167, 19.5154,
10.7937

■ 51.3385, 58.9877,
40.8832

■ 9.8408, 12.0433,
5.8159

■ 69.4284, 79.1117,
57.3602

■ 5.3550, 6.7732,
2.6665

■ 91.3350, 103.3597,
77.7583

■ 2.4939, 3.3206,
0.9265

■ 117.4239,
132.1161, 102.4961

■ 0.8922, 1.3013,
0.0000

148.0604,
165.7653, 131.9921

■ 0.0000, 0.1422,
0.0000

183.6098,

■ 0.0000, 0.0000,

204.6916, 166.6649

0.0000

224.4374,
249.2794, 206.9330

■ 25.1481, 29.5739,
18.0185

■ 25.1481, 29.5739,
18.0185

■ 23.8179, 28.9730,
14.1670

■ 26.6415, 30.2444,
22.6199

■ 22.6410, 28.4346,
11.0238

■ 28.3031, 30.9835,
28.0062

■ 21.6097, 27.9567,
8.5461


■ 30.1404, 31.7952,
34.2124

■ 20.7146, 27.5355,
6.6856


■ 32.1596, 32.6820,
41.2709


■ 19.9452, 27.1668,
5.3875


■ 34.3667, 33.6463,
49.2122

 19.2890, 26.8456,
4.5877

 36.7675, 34.6905,
58.0655

 18.7528, 26.5785,
4.1418

 39.3673, 35.8167,
67.8585

 42.1714, 37.0270,
78.6178

 45.1848, 38.3235,
90.3689

Harmonies

Analogous

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



28.4178, 29.5739, 16.6163



25.1481, 29.5739, 18.0185



22.8487, 29.5739, 22.9423

Triad

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



25.1481, 29.5739, 18.0185



24.6567, 29.5739, 51.1565



35.3273, 29.5739, 33.0899

Complementary

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



25.1481, 29.5739, 18.0185



18.2411, 16.3906, 32.3410

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.



34.1206, 29.5739, 43.6655



25.1481, 29.5739, 18.0185



27.8026, 29.5739, 55.3534

Square

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



25.1481, 29.5739, 18.0185



22.5819, 29.5739, 41.8229



31.2939, 29.5739, 52.3652



34.4718, 29.5739, 24.1810

Rectangle

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



25.1481, 29.5739, 18.0185



22.0794, 29.5739, 28.1924



31.2939, 29.5739, 52.3652



35.1473, 29.5739, 36.5725

Sweetspot

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



25.1489, 29.5752, 18.0191



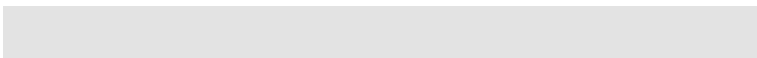
51.1714, 55.7004, 51.7698



22.0968, 20.5286, 16.4338



11.2052, 12.2576, 11.1191



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1489, 29.5752, 18.0191



43.3356, 52.1945, 27.2955



21.5376, 27.7135, 17.8501



6.5675, 7.1500, 6.6398



15.5283, 21.9810, 3.4243



0.2630, 0.3445, 0.0526

Inverse Universe

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



18.2411, 16.3906, 32.3410



28.9172, 24.6622, 57.2082



21.7988, 18.2247, 32.5075



6.0131, 6.0927, 7.7880



5.3740, 2.2214, 25.0532



0.1084, 0.0477, 0.3759

Previews

White Background



This preview shows how the XYZ color 25.1481, 29.5739, 18.0185 looks on a white background.

Color Contrast Check

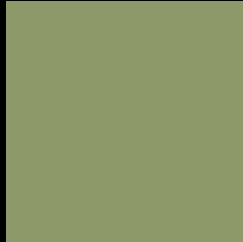
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1481, 29.5739, 18.0185 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

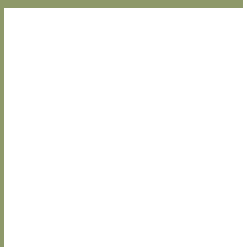
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1481, 29.5739, 18.0185

Background



This preview shows how black text looks on a background with the XYZ color 25.1481, 29.5739, 18.0185.



This preview shows how white text looks on a background with the XYZ color 25.1481, 29.5739,

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

25.1481, 29.5739, 18.0185

Protanopia

27.3867, 29.5502, 17.3570

Deuteranopia

30.0590, 29.5427, 18.3054



Tritanopia

28.8449, 29.4160, 36.5053

Trichromacy



Original Color

25.1481, 29.5739, 18.0185

Protanomaly

26.5930, 29.6049, 17.6773

Deuteranomaly

28.0370, 29.4058, 18.1081

Tritanomaly

27.2617, 29.4700, 28.6775

Monochromacy



Original Color

25.1481, 29.5739, 18.0185

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7907, 28.3188, 25.2259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1481, 29.5739, 18.0185 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(142, 153, 106)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 106)  
}
```

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(142, 153, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.1481, 29.5739, 18.0185 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(142, 153, 106) }
```


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

```
.border{ border-color:rgb(142, 153, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 106);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1481, 29.5739, 18.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 106) }
```

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

```
.background{ background-color: rgb(142,  
153, 106) }
```

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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