

Converting Colors

XYZ(25.1444, 28.9266, 18.2767)

Have a look what the booklet for
XYZ(25.1444, 28.9266, 18.2767)
contains.

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Color

**XYZ(25.0618, 28.8035,
18.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	90966B
RGB	144, 150, 107
RGB Percent	56%, 59%, 42%
CMY	0.4353, 0.4118, 0.5804
CMYK	0.04, 0.00, 0.29, 0.41
HSL	68°, 17%, 50%
HSV	68°, 29%, 59%
XYZ	25.0618, 28.8035, 18.1487
YIQ	143.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

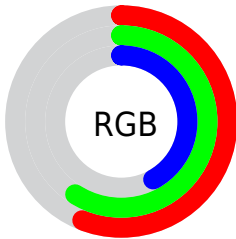
Format	Color
RYB	107, 150, 113
Decimal	9475691
CIELab	60.61, -9.58, 22.02
CIELCh	61, 24.010, 113.523
Yxy	28.8035, 0.3480, 0.4000
Android (android.graphics.Color)	4287665771 (0xFF90966B)
YUV	143.3040, -17.8979, 0.6104
Hunter-Lab	53.6689, -10.5663, 17.5187

Details

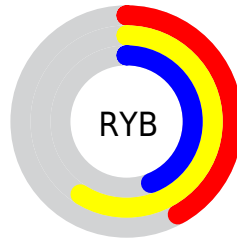
The XYZ color **25.0618, 28.8035, 18.1487** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5739, 16.2289, 31.0620**, and the grayscale version is **26.2970, 27.6665, 30.1288**.

A 20% lighter version of the original color is **51.1396, 57.6947, 41.2417**, and **9.7655, 11.5666, 5.8556** is the 20% darker color. If you saturate the color by 10%, you get **23.9780, 28.3291, 14.3298**, and if you desaturate by 10%, it is **26.2908, 29.3387, 22.6903**.

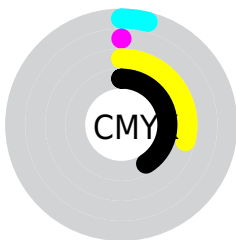
Distribution



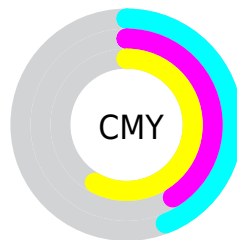
- Red (56%)
- Green (59%)
- Blue (42%)



- Red (42%)
- Yellow (59%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0618, 28.8035, 18.1487 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 25.0618, 28.8035, 18.1487 by changing the saturation by 10% instead.

■ 25.0618, 28.8035,
18.1487

■ 25.0618, 28.8035,
18.1487

270.4875,
296.2867, 253.9721

■ 16.2521, 18.9322,
10.8863

■ 51.1996, 57.7647,
41.1079

■ 9.7947, 11.6213,
5.8772

■ 69.2585, 77.6235,
57.6417

■ 5.3243, 6.4864,
2.7030

■ 91.1310, 101.5802,
78.1031

■ 2.4754, 3.1430,
0.9449

■ 117.1827,
130.0192, 102.9106

■ 0.8829, 1.2069,
0.0000

147.7788,
163.3250, 132.4827

■ 0.0000, 0.0673,
0.0000

183.2848,

■ 0.0000, 0.0000,

201.8819, 167.2379

0.0000

224.0659,
246.0743, 207.5949

■ 25.0618, 28.8035,
18.1487

■ 25.0618, 28.8035,
18.1487

■ 23.9780, 28.3291,
14.3298

■ 26.2908, 29.3387,
22.6903

■ 23.0301, 27.9089,
11.1945

■ 27.6694, 29.9336,
27.9872

■ 22.2111, 27.5409,
8.7028

■ 29.2045, 30.5919,
34.0725

■ 21.5124, 27.2219,
6.8099

■ 30.9019, 31.3159,
40.9766

■ 20.9244, 26.9479,
5.4651

■ 32.7671, 32.1078,
48.7283

■ 20.4358, 26.7145,
4.6096

■ 34.8054, 32.9697,
57.3550

■ 20.0231, 26.5122,
4.1194

■ 37.0218, 33.9037,
66.8830

■ 19.9697, 26.4859,
4.0598

■ 39.4210, 34.9117,
77.3373

■ 42.0078, 35.9954,
88.7421

Harmonies

Analogous

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



28.0560, 28.8035, 17.2526



25.0618, 28.8035, 18.1487



22.8501, 28.8035, 22.2535

Triad

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



25.0618, 28.8035, 18.1487



23.9778, 28.8035, 47.2232



33.7498, 28.8035, 33.3312

Complementary

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



25.0618, 28.8035, 18.1487



17.5739, 16.2289, 31.0620

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.



32.4652, 28.8035, 42.6684



25.0618, 28.8035, 18.1487



26.7087, 28.8035, 51.6107

Square

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



25.0618, 28.8035, 18.1487



22.2581, 28.8035, 38.6957



29.8303, 28.8035, 49.8032



33.2258, 28.8035, 25.0191

Rectangle

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



25.0618, 28.8035, 18.1487



22.0401, 28.8035, 26.7570



29.8303, 28.8035, 49.8032



33.5122, 28.8035, 36.4674

Sweetspot

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



25.0625, 28.8048, 18.1493



48.6970, 52.7671, 48.8787



21.1079, 19.2972, 16.5226



10.7171, 11.6617, 10.5412



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.



25.0625, 28.8048, 18.1493



43.0490, 50.3154, 27.8333



21.6962, 27.0694, 17.9918



6.1867, 6.7041, 6.2084



16.5816, 21.9760, 3.3678



0.2206, 0.2781, 0.0420

Inverse Universe

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



17.5739, 16.2289, 31.0620



27.7564, 24.6278, 54.2120



20.6324, 17.8056, 31.2051



5.5704, 5.6695, 7.2705



4.8387, 1.9670, 24.0557



0.0737, 0.0315, 0.2951

Previews

White Background



This preview shows how the XYZ color 25.0618, 28.8035, 18.1487 looks on a white background.

Color Contrast Check

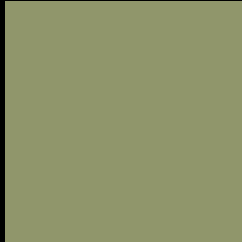
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0618, 28.8035, 18.1487 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

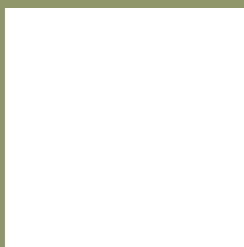
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0618, 28.8035, 18.1487

Background



This preview shows how black text looks on a background with the XYZ color 25.0618, 28.8035, 18.1487.



This preview shows how white text looks on a background with the XYZ color 25.0618, 28.8035,

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

25.0618, 28.8035, 18.1487

Protanopia

26.7333, 28.7458, 17.5041

Deuteranopia

29.1517, 28.6309, 18.4579



Tritanopia

28.4673, 28.7971, 35.0684

Trichromacy



Original Color

25.0618, 28.8035, 18.1487

Protanomaly

25.9841, 28.5834, 17.7833

Deuteranomaly

27.5803, 28.7106, 18.2754

Tritanomaly

27.0791, 28.6886, 28.1550

Monochromacy



Original Color

25.0618, 28.8035, 18.1487

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6358, 28.0091, 25.1742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0618, 28.8035, 18.1487 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(144, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 150, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.0618, 28.8035, 18.1487 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(144, 150, 107) }
```


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

```
.border{ border-color:rgb(144, 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(144, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(144, 150,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0618, 28.8035, 18.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 150, 107) }
```

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

```
.background{ background-color: rgb(144,  
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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