

Converting Colors

XYZ(25.8307, 26.8748, 18.3517)

Have a look what the booklet for
XYZ(25.8307, 26.8748, 18.3517)
contains.

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Color

**XYZ(25.8487, 26.9282,
18.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C6D
RGB	156, 140, 109
RGB Percent	61%, 55%, 43%
CMY	0.3882, 0.4510, 0.5725
CMYK	0.00, 0.10, 0.30, 0.39
HSL	40°, 19%, 52%
HSV	40°, 30%, 61%
XYZ	25.8487, 26.9282, 18.3033
YIQ	141.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

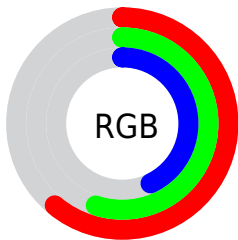
Format	Color
R_{YB}	133, 156, 109
Decimal	10259565
CIE Lab	58.91, 1.07, 18.77
CIE LCh	59, 18.803, 86.751
Yxy	26.9282, 0.3637, 0.3788
Android (android.graphics.Color)	4288449645 (0xFF9C8C6D)
YUV	141.2500, -15.8992, 12.9358
Hunter-Lab	51.8924, -1.8970, 15.4121

Details

The XYZ color **25.8487, 26.9282, 18.3033** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6409, 20.3182, 34.3392**, and the grayscale version is **25.4712, 26.7977, 29.1827**.

A 20% lighter version of the original color is **52.3670, 54.5620, 41.4897**, and **10.2074, 10.5923, 5.9214** is the 20% darker color. If you saturate the color by 10%, you get **24.3254, 25.1082, 14.0136**, and if you desaturate by 10%, it is **27.5600, 28.8852, 23.3916**.

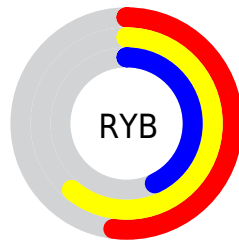
Distribution



Red (61%)

Green (55%)

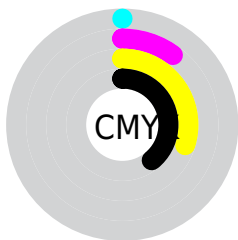
Blue (43%)



Red (52%)

Yellow (61%)

Blue (43%)

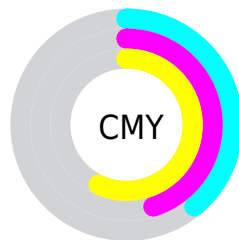


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8487, 26.9282, 18.3033 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 25.8487, 26.9282, 18.3033 by changing the saturation by 10% instead.

■ 25.8487, 26.9282,
18.3033

■ 25.8487, 26.9282,
18.3033

274.3089,
287.3093, 254.8684

■ 16.8426, 17.5193,
10.9963

■ 52.4638, 54.7686,
41.3744

■ 10.2169, 10.6054,
5.9502

■ 70.8035, 73.9690,
57.9755

■ 5.6064, 5.8022,
2.7465

■ 92.9851, 97.2019,
78.5117

■ 2.6456, 2.7252,
0.9667

■ 119.3739,
124.8518, 103.4016

■ 0.9693, 0.9900,
0.0000

150.3354,
157.3031, 133.0636

■ 0.0000, 0.0000,
0.0000

186.2348,

194.9402, 167.9164

227.4375,
238.1475, 208.3785

■ 25.8487, 26.9282,
18.3033

■ 25.8487, 26.9282,
18.3033

■ 24.3254, 25.1082,
14.0136

■ 27.5600, 28.8852,
23.3916

■ 22.9794, 23.4173,
10.4793

■ 29.4649, 30.9794,
29.3155

■ 21.8025, 21.8522,
7.6552


■ 31.5714, 33.2158,
36.1117


■ 20.7844, 20.4080,
5.4910


■ 33.8866, 35.5980,
43.8141

■ 19.9139, 19.0792,
3.9295


■ 36.4168, 38.1293,
52.4548


 19.1775, 17.8597,
2.9036

 39.1685, 40.8129,
62.0645

 18.5512, 16.7496,
2.2552

 42.1475, 43.6522,
72.6723

 45.3595, 46.6499,
84.3061

 48.8102, 49.8092,
96.9928

Harmonies

Analogous

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



28.1251, 26.9282, 19.8618



25.8487, 26.9282, 18.3033



23.6341, 26.9282, 19.3072

Triad

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



25.8487, 26.9282, 18.3033



21.8056, 26.9282, 35.4703



29.5190, 26.9282, 36.9167

Complementary

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



25.8487, 26.9282, 18.3033



19.6409, 20.3182, 34.3392

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.



27.6603, 26.9282, 42.3065



25.8487, 26.9282, 18.3033



23.2203, 26.9282, 41.3865

Square

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



25.8487, 26.9282, 18.3033



21.3847, 26.9282, 28.6004



25.3419, 26.9282, 44.0539



30.3233, 26.9282, 30.0520

Rectangle

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



25.8487, 26.9282, 18.3033



22.4737, 26.9282, 21.3922



25.3419, 26.9282, 44.0539



28.9915, 26.9282, 38.9987

Sweetspot

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



25.8494, 26.9294, 18.3039



53.8638, 56.6417, 54.3480



22.9097, 19.4977, 22.1094



11.7430, 12.3456, 11.6119



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8494, 26.9294, 18.3039



45.0898, 46.7062, 27.9554



27.0343, 31.2660, 19.0785



6.9799, 7.3398, 7.0345



15.3134, 13.8624, 1.8686



0.3115, 0.3232, 0.0460

Inverse Universe

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



19.6409, 20.3182, 34.3392



32.0052, 32.7779, 61.7667



18.6788, 17.0544, 33.7599



6.4601, 6.7859, 8.3760



6.0245, 4.1406, 26.3889



0.1449, 0.1484, 0.4842

Previews

White Background



This preview shows how the XYZ color 25.8487, 26.9282, 18.3033 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 25.8487, 26.9282, 18.3033 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 25.8487, 26.9282, 18.3033

Background



This preview shows how black text looks on a background with the XYZ color 25.8487, 26.9282, 18.3033.



This preview shows how white text looks on a background with the XYZ color 25.8487, 26.9282,

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

25.8487, 26.9282, 18.3033

Protanopia

25.2500, 27.0511, 18.6424

Deuteranopia

27.3445, 26.8411, 18.4915



Tritanopia

28.3495, 26.8769, 30.8877

Trichromacy



Original Color

25.8487, 26.9282, 18.3033

Protanomaly

25.4762, 26.9478, 18.6106

Deuteranomaly

26.6604, 26.6985, 18.5000

Tritanomaly

27.4774, 26.9557, 25.9451

Monochromacy



Original Color

25.8487, 26.9282, 18.3033

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3414, 26.7457, 24.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8487, 26.9282, 18.3033 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(156, 140, 109)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 109)  
}
```

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(156, 140, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.8487, 26.9282, 18.3033 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(156, 140, 109) }
```


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

```
.border{ border-color:rgb(156, 140, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 140, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 140, 109); box-shadow:4px 4px 4px 4px rgb(156, 140, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8487, 26.9282, 18.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 109) }
```

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

```
.background{ background-color: rgb(156,  
140, 109) }
```

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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