

Converting Colors

XYZ(25.8269, 25.8961, 11.7968)

Have a look what the booklet for
XYZ(25.8269, 25.8961, 11.7968)
contains.

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Color

**XYZ(25.9512, 26.0595,
11.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	A68753
RGB	166, 135, 83
RGB Percent	65%, 53%, 33%
CMY	0.3490, 0.4706, 0.6745
CMYK	0.00, 0.19, 0.50, 0.35
HSL	38°, 33%, 49%
HSV	38°, 50%, 65%
XYZ	25.9512, 26.0595, 11.8458
YIQ	138.3410, 35.1680, -9.6000

Conversions

Conversions Part 2

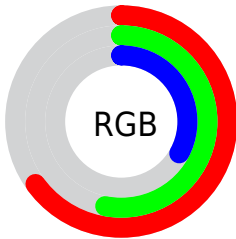
Format	Color
R_{YB}	132, 166, 83
Decimal	10913619
CIE _{Lab}	58.09, 5.00, 32.27
CIE _{LCh}	58, 32.656, 81.187
Y _{xy}	26.0595, 0.4064, 0.4081
Android (android.graphics.Color)	4289103699 (0xFFA68753)
YUV	138.3410, -27.2831, 24.2569
Hunter-Lab	51.0485, 1.4080, 21.9757

Details

The XYZ color **25.9512, 26.0595, 11.8458** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.4673, 16.6261, 38.4175**, and the grayscale version is **24.3800, 25.6497, 27.9325**.

A 20% lighter version of the original color is **52.6483, 53.3479, 29.7126**, and **10.3283, 10.2277, 3.0988** is the 20% darker color. If you saturate the color by 10%, you get **24.5457, 24.1544, 8.5851**, and if you desaturate by 10%, it is **27.5618, 28.1293, 15.9325**.

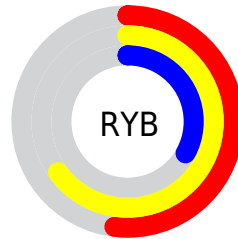
Distribution



Red (65%)

Green (53%)

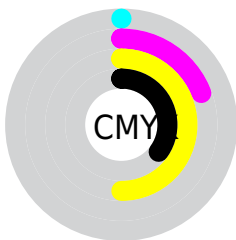
Blue (33%)



Red (52%)

Yellow (65%)

Blue (33%)

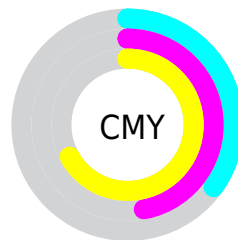


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9512, 26.0595, 11.8458 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 25.9512, 26.0595, 11.8458 by changing the saturation by 10% instead.

■ 25.9512, 26.0595,
11.8458

■ 25.9512, 26.0595,
11.8458

274.8035,
283.0740, 214.3233

■ 16.9196, 16.8682,
6.5175

■ 52.6281, 53.3709,
29.8741

■ 10.2722, 10.1405,
3.0884

■ 71.0041, 72.2598,
43.4113

■ 5.6434, 5.4922,
1.1399

■ 93.2256, 95.1499,
60.5217

■ 2.6681, 2.5389,
0.0000

■ 119.6580,
122.4258, 81.6241

■ 0.9808, 0.8960,
0.0000

■ 150.6667,
154.4717, 107.1369

■ 0.0000, 0.0000,
0.0000

186.6169,

191.6722, 137.4787

227.8741,
234.4115, 173.0680

■ 25.9512, 26.0595,
11.8458

■ 25.9512, 26.0595,
11.8458

■ 24.5457, 24.1544,
8.5851

■ 27.5618, 28.1293,
15.9325

■ 23.3315, 22.4040,
6.0899

■ 29.3864, 30.3656,
20.8968

■ 22.2956, 20.8027,
4.2939

■ 31.4358, 32.7750,
26.7878

■ 21.4223, 19.3430,
3.1186

■ 33.7191, 35.3625,
33.6505

■ 20.6770, 18.0094,
2.3864

■ 36.2452, 38.1327,
41.5271

■ 20.6770, 18.0092,
2.3863

■ 39.0221, 41.0903,
50.4570

■ 42.0579, 44.2395,
60.4778

■ 45.3598, 47.5844,
71.6251

■ 48.9349, 51.1291,
83.9328

Harmonies

Analogous

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



29.8428, 26.0595, 14.5721



25.9512, 26.0595, 11.8458



22.1230, 26.0595, 12.5369

Triad

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



25.9512, 26.0595, 11.8458



18.3383, 26.0595, 36.9876



31.1733, 26.0595, 44.3151

Complementary

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



25.9512, 26.0595, 11.8458



16.4673, 16.6261, 38.4175

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.



27.6175, 26.0595, 53.8837



25.9512, 26.0595, 11.8458



20.3052, 26.0595, 48.9312

Square

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



25.9512, 26.0595, 11.8458



17.9936, 26.0595, 25.1694



23.6228, 26.0595, 55.7668



33.0613, 26.0595, 31.8405

Rectangle

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



25.9512, 26.0595, 11.8458



20.0947, 26.0595, 14.9469



23.6228, 26.0595, 55.7668



30.1166, 26.0595, 48.1026

Sweetspot

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



25.9518, 26.0607, 11.8463



58.9554, 61.6596, 54.2723



21.9032, 15.5273, 18.0073



13.0076, 13.5870, 11.5904



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.9518, 26.0607, 11.8463



44.2856, 43.4698, 15.0091



28.9692, 34.9965, 13.4121



7.9079, 8.2958, 7.9737



16.0799, 14.0571, 1.8658



0.4378, 0.4353, 0.0609

Inverse Universe

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



16.4673, 16.6261, 38.4175



25.0956, 24.4109, 68.8644



14.4586, 11.2506, 37.4858



7.3528, 7.7424, 9.5252



6.7146, 4.8895, 28.5653



0.2125, 0.2173, 0.7114

Previews

White Background



This preview shows how the XYZ color 25.9512, 26.0595, 11.8458 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 25.9512, 26.0595, 11.8458 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 25.9512, 26.0595, 11.8458

Background



This preview shows how black text looks on a background with the XYZ color 25.9512, 26.0595, 11.8458.



This preview shows how white text looks on a background with the XYZ color 25.9512, 26.0595,

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

25.9512, 26.0595, 11.8458

Protanopia

24.1546, 26.1843, 12.3753

Deuteranopia

26.5264, 25.9456, 11.7935



Tritanopia

29.1012, 25.9312, 27.5162

Trichromacy



Original Color

25.9512, 26.0595, 11.8458

Protanomaly

24.7893, 26.0862, 12.1161

Deuteranomaly

26.4486, 26.1097, 11.8293

Tritanomaly

27.7485, 25.9756, 20.6908

Monochromacy



Original Color

25.9512, 26.0595, 11.8458

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4284, 25.4952, 20.7731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9512, 26.0595, 11.8458 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(166, 135, 83)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 83)  
}
```

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(166, 135, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 83) }
```

Border

The CSS property to change the border of an element to XYZ 25.9512, 26.0595, 11.8458 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(166, 135, 83) }
```


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

```
.border{ border-color:rgb(166, 135, 83) }
```

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

Here you see how a box with a 4 pixel rgb(166, 135, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 83);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9512, 26.0595, 11.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 83) }
```

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

```
.background{ background-color: rgb(166,  
135, 83) }
```

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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