

Converting Colors

XYZ(26.5190, 26.1132, 13.3155)

Have a look what the booklet for
XYZ(26.5190, 26.1132, 13.3155)
contains.

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Color

**XYZ(26.5190, 26.1132,
13.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	A8865A
RGB	168, 134, 90
RGB Percent	66%, 53%, 35%
CMY	0.3412, 0.4745, 0.6471
CMYK	0.00, 0.20, 0.46, 0.34
HSL	34°, 31%, 51%
HSV	34°, 46%, 66%
XYZ	26.5190, 26.1132, 13.3155
YIQ	139.1500, 34.3880, -6.4760

Conversions

Conversions Part 2

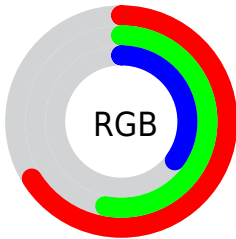
Format	Color
RYB	150, 168, 90
Decimal	11044442
CIELab	58.14, 7.13, 28.56
CIElCh	58, 29.440, 75.979
Yxy	26.1132, 0.4021, 0.3960
Android (android.graphics.Color)	4289234522 (0xFFA8865A)
YUV	139.1500, -24.2309, 25.3015
Hunter-Lab	51.1011, 3.2060, 20.3215

Details

The XYZ color **26.5190, 26.1132, 13.3155** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4917, 19.4154, 39.8186**, and the grayscale version is **24.6801, 25.9654, 28.2763**.

A 20% lighter version of the original color is **53.6294, 53.4713, 32.6937**, and **10.6240, 10.2488, 3.7038** is the 20% darker color. If you saturate the color by 10%, you get **24.9061, 23.9053, 9.6399**, and if you desaturate by 10%, it is **28.3649, 28.5284, 17.8667**.

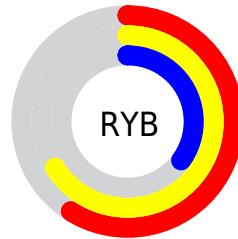
Distribution



Red (66%)

Green (53%)

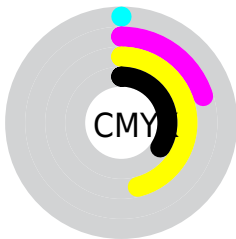
Blue (35%)



Red (59%)

Yellow (66%)

Blue (35%)

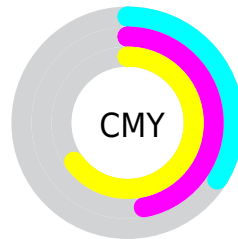


Cyan (0%)

Magenta (20%)

Yellow (46%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5190, 26.1132, 13.3155 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 26.5190, 26.1132, 13.3155 by changing the saturation by 10% instead.


 26.5190, 26.1132,
13.3155


 26.5190, 26.1132,
13.3155


277.5308,
283.3373, 224.2083


 17.3470, 16.9083,
7.5129


 53.5364, 53.4575,
32.5689


 10.5791, 10.1692,
3.7016


 72.1125, 72.3658,
46.8568


 5.8497, 5.5113,
1.4631


 94.5541, 95.2772,
64.8101

 2.7937, 2.5502,
0.1902

 121.2264,
122.5764, 86.8475

 1.0456, 0.9017,
0.0000

 152.4949,
154.6476, 113.3875

 0.0000, 0.0000,
0.0000

188.7249,

191.8752, 144.8486

230.2818,
234.6436, 181.6493

■ 26.5190, 26.1132,
13.3155

■ 26.5190, 26.1132,
13.3155

■ 24.9061, 23.9053,
9.6399

■ 28.3649, 28.5284,
17.8667

■ 23.5118, 21.8938,
6.7798

■ 30.4533, 31.1539,
23.3451

■ 22.3230, 20.0720,
4.6699

■ 32.7953, 33.9974,
29.8000

■ 21.3237, 18.4312,
3.2339

■ 35.4008, 37.0647,
37.2769

■ 20.4924, 16.9602,
2.3659

■ 38.2789, 40.3616,
45.8181

■ 20.2206, 16.4692,
2.1131

■ 41.4385, 43.8937,
55.4639

■ 44.8880, 47.6661,
66.2522

■ 48.6352, 51.6839,
78.2193

■ 52.6878, 55.9520,
91.3996

Harmonies

Analogous

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



29.8980, 26.1132, 16.5174



26.5190, 26.1132, 13.3155



22.9791, 26.1132, 13.4205

Triad

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



26.5190, 26.1132, 13.3155



18.7925, 26.1132, 34.1904



30.0859, 26.1132, 44.3850

Complementary

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



26.5190, 26.1132, 13.3155



18.4917, 19.4154, 39.8186

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.



26.7563, 26.1132, 51.8072



26.5190, 26.1132, 13.3155



20.3519, 26.1132, 45.0266

Square

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



26.5190, 26.1132, 13.3155



18.7422, 26.1132, 23.9341



23.1948, 26.1132, 52.0667



32.0869, 26.1132, 33.4627

Rectangle

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



26.5190, 26.1132, 13.3155



21.0044, 26.1132, 15.3149



23.1948, 26.1132, 52.0667



29.0714, 26.1132, 47.4758

Sweetspot

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



26.5196, 26.1144, 13.3160



60.4972, 62.8668, 56.8616



23.5128, 17.1206, 21.5011



12.9806, 13.4578, 11.8132



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.



26.5196, 26.1144, 13.3160



45.0331, 43.1508, 17.1409



31.1786, 36.6465, 15.1034



7.8690, 8.2181, 7.9608



15.3216, 12.5404, 1.6130



0.4223, 0.4041, 0.0557

Inverse Universe

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



18.4917, 19.4154, 39.8186



28.6107, 29.4621, 71.4039



15.3301, 12.5142, 38.6532



7.3907, 7.8183, 9.5379



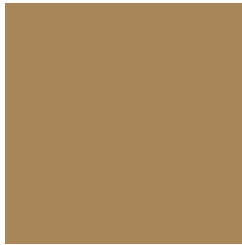
7.1969, 5.8540, 28.7261



0.2264, 0.2450, 0.7160

Previews

White Background



This preview shows how the XYZ color 26.5190, 26.1132, 13.3155 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 26.5190, 26.1132, 13.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

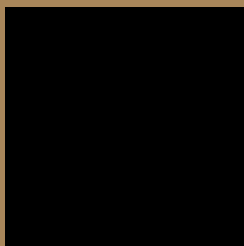
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5190, 26.1132, 13.3155

Background



This preview shows how black text looks on a background with the XYZ color 26.5190, 26.1132, 13.3155.



This preview shows how white text looks on a background with the XYZ color 26.5190, 26.1132,

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

26.5190, 26.1132, 13.3155

Protanopia

24.2587, 26.2043, 13.9046

Deuteranopia

26.7327, 26.2234, 13.3255



Tritanopia

29.3199, 26.0440, 27.5264

Trichromacy



Original Color

26.5190, 26.1132, 13.3155

Protanomaly

25.0774, 26.2014, 13.6332

Deuteranomaly

26.7327, 26.2234, 13.3255

Tritanomaly

28.2284, 26.0037, 21.6206

Monochromacy



Original Color

26.5190, 26.1132, 13.3155

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9745, 25.7558, 21.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5190, 26.1132, 13.3155 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(168, 134, 90)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 90)  
}
```

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(168, 134, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 90) }
```

Border

The CSS property to change the border of an element to XYZ 26.5190, 26.1132, 13.3155 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(168, 134, 90) }
```


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

```
.border{ border-color:rgb(168, 134, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 90);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5190, 26.1132, 13.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 90) }
```

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

```
.background{ background-color: rgb(168,  
134, 90) }
```

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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