

Converting Colors

XYZ(25.2575, 25.3332, 9.7777)

Have a look what the booklet for
XYZ(25.2575, 25.3332, 9.7777)
contains.

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Color

**XYZ(25.3160, 25.3631,
9.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	A68549
RGB	166, 133, 73
RGB Percent	65%, 52%, 29%
CMY	0.3490, 0.4784, 0.7137
CMYK	0.00, 0.20, 0.56, 0.35
HSL	39°, 39%, 47%
HSV	39°, 56%, 65%
XYZ	25.3160, 25.3631, 9.8646
YIQ	136.0270, 38.9280, -11.6640

Conversions

Conversions Part 2

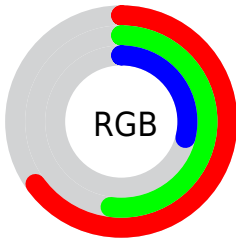
Format	Color
RYB	124, 166, 73
Decimal	10913097
CIELab	57.43, 5.21, 36.77
CIElCh	57, 37.140, 81.943
Yxy	25.3631, 0.4181, 0.4189
Android (android.graphics.Color)	4289103177 (0xFFA68549)
YUV	136.0270, -31.0723, 26.2863
Hunter-Lab	50.3618, 1.5957, 23.6398

Details

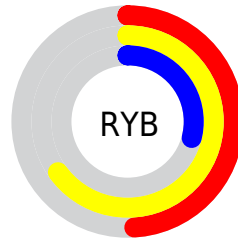
The XYZ color **25.3160, 25.3631, 9.8646** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.7844, 14.4771, 38.0913**, and the grayscale version is **23.5149, 24.7395, 26.9414**.

A 20% lighter version of the original color is **51.5655, 52.2358, 26.1036**, and **9.9013, 9.7903, 2.2876** is the 20% darker color. If you saturate the color by 10%, you get **24.0537, 23.6049, 7.0815**, and if you desaturate by 10%, it is **26.7716, 27.2730, 13.4374**.

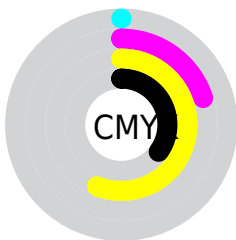
Distribution



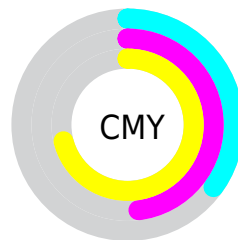
- Red (65%)
- Green (52%)
- Blue (29%)



- Red (49%)
- Yellow (65%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3160, 25.3631, 9.8646 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 25.3160, 25.3631, 9.8646 by changing the saturation by 10% instead.

■ 25.3160, 25.3631,
9.8646

■ 25.3160, 25.3631,
9.8646

271.7267,
279.6414, 200.1525

■ 16.4426, 16.3478,
5.2048

■ 51.6086, 52.2457,
26.1443

■ 9.9307, 9.7706,
2.3071

■ 69.7586, 70.8817,
38.6014

■ 5.4150, 5.2471,
0.7352

■ 91.7314, 93.4934,
54.4946

■ 2.5300, 2.3930,
0.0000

■ 117.8925,
120.4653, 74.2426

■ 0.9104, 0.8223,
0.0000

■ 148.6073,
152.1816, 98.2638

■ 0.0000, 0.0000,
0.0000

184.2410,

189.0268, 126.9769

225.1590,
231.3853, 160.8003

■ 25.3160, 25.3631,
9.8646

■ 25.3160, 25.3631,
9.8646

■ 24.0537, 23.6049,
7.0815

■ 26.7716, 27.2730,
13.4374

■ 22.9702, 21.9884,
5.0234

■ 28.4302, 29.3365,
17.8548

■ 22.0516, 20.5078,
3.6174

■ 30.3026, 31.5602,
23.1685

■ 21.2783, 19.1542,
2.7652

■ 32.3985, 33.9490,
29.4254

■ 20.9943, 18.6440,
2.4921

■ 34.7268, 36.5076,
36.6695

■ 37.2959, 39.2403,
44.9417

■ 40.1138, 42.1514,
54.2806

■ 43.1879, 45.2449,
64.7230

■ 46.5256, 48.5247,
76.3036

Harmonies

Analogous

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



29.7259, 25.3631, 12.5589



25.3160, 25.3631, 9.8646



21.0726, 25.3631, 10.6502

Triad

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



25.3160, 25.3631, 9.8646



17.0609, 25.3631, 37.7303



31.4255, 25.3631, 45.4714

Complementary

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



25.3160, 25.3631, 9.8646



14.7844, 14.4771, 38.0913

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.



27.4192, 25.3631, 56.8509



25.3160, 25.3631, 9.8646



19.2447, 25.3631, 51.5145

Square

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



25.3160, 25.3631, 9.8646



16.6426, 25.3631, 24.3477



22.9369, 25.3631, 59.3476



33.5237, 25.3631, 31.1646

Rectangle

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



25.3160, 25.3631, 9.8646



18.8678, 25.3631, 13.1959



22.9369, 25.3631, 59.3476



30.2357, 25.3631, 49.9259

Sweetspot

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



25.3166, 25.3643, 9.8651



58.2854, 61.0370, 51.8373



20.7676, 13.9359, 15.5331



12.8754, 13.4696, 11.0931



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.



25.3166, 25.3643, 9.8651



43.1913, 42.1671, 11.9130



28.0892, 34.5842, 11.4986



7.9196, 8.3192, 7.9776



16.3254, 14.5480, 1.9476



0.4427, 0.4450, 0.0626

Inverse Universe

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



14.7844, 14.4771, 38.0913



22.2186, 20.5351, 68.2679



13.0484, 9.4686, 37.2161



7.3415, 7.7199, 9.5215



6.5866, 4.6335, 28.5227



0.2084, 0.2091, 0.7100

Previews

White Background



This preview shows how the XYZ color 25.3160, 25.3631, 9.8646 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 25.3160, 25.3631, 9.8646 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 25.3160, 25.3631, 9.8646

Background



This preview shows how black text looks on a background with the XYZ color 25.3160, 25.3631, 9.8646.



This preview shows how white text looks on a background with the XYZ color 25.3160, 25.3631,

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

25.3160, 25.3631, 9.8646

Protanopia

23.3074, 25.3604, 10.3232

Deuteranopia

25.8160, 25.4186, 9.8490



Tritanopia

28.6286, 25.3289, 26.3017

Trichromacy



Original Color

25.3160, 25.3631, 9.8646

Protanomaly

23.9448, 25.2708, 10.0943

Deuteranomaly

25.6023, 25.3084, 9.8390

Tritanomaly

27.1371, 25.3054, 18.7834

Monochromacy



Original Color

25.3160, 25.3631, 9.8646

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6772, 24.7232, 19.1469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3160, 25.3631, 9.8646 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, 133, 73)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 73)  
}
```

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, 133, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.3160, 25.3631, 9.8646 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, 133, 73) }
```


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

```
.border{ border-color:rgb(166, 133, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 133, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 73);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3160, 25.3631, 9.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 73) }
```

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

```
.background{ background-color: rgb(166,  
133, 73) }
```

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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