

Converting Colors

XYZ(25.9875, 25.0486, 13.9370)

Have a look what the booklet for
XYZ(25.9875, 25.0486, 13.9370)
contains.

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Color

**XYZ(25.8948, 24.9711,
13.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	A7825D
RGB	167, 130, 93
RGB Percent	65%, 51%, 36%
CMY	0.3451, 0.4902, 0.6353
CMYK	0.00, 0.22, 0.44, 0.35
HSL	30°, 30%, 51%
HSV	30°, 44%, 65%
XYZ	25.8948, 24.9711, 13.8110
YIQ	136.8450, 33.9290, -3.6630

Conversions

Conversions Part 2

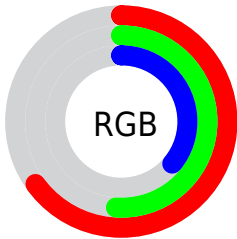
Format	Color
R_{YB}	167, 167, 93
Decimal	10977885
CIE _{Lab}	57.05, 9.28, 25.45
CIE _{LCh}	57, 27.093, 69.974
Yxy	24.9711, 0.4004, 0.3861
Android (android.graphics.Color)	4289167965 (0xFFA7825D)
YUV	136.8450, -21.6156, 26.4459
Hunter-Lab	49.9711, 5.0485, 18.5932

Details

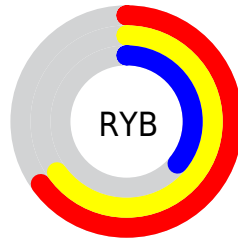
The XYZ color **25.8948, 24.9711, 13.8110** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.4716, 21.0816, 39.6021**, and the grayscale version is **23.7899, 25.0289, 27.2564**.

A 20% lighter version of the original color is **52.7080, 51.7279, 33.5920**, and **10.2456, 9.5928, 3.8964** is the 20% darker color. If you saturate the color by 10%, you get **24.1687, 22.5761, 9.9763**, and if you desaturate by 10%, it is **27.8739, 27.6134, 18.5275**.

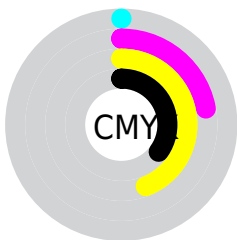
Distribution



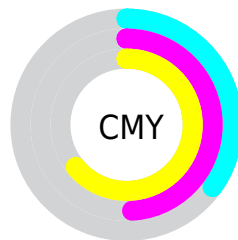
- Red (65%)
- Green (51%)
- Blue (36%)



- Red (65%)
- Yellow (65%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8948, 24.9711, 13.8110 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 25.8948, 24.9711, 13.8110 by changing the saturation by 10% instead.


 25.8948, 24.9711,
13.8110


 25.8948, 24.9711,
13.8110


274.5315,
277.6940, 227.4393


 16.8772, 16.0555,
7.8521

 52.5377, 51.6103,
33.4656


 10.2418, 9.5635,
3.9140


 70.8937, 70.1028,
47.9983

 5.6230, 5.1105,
1.5783

 93.0933, 92.5563,
66.2261

 2.6557, 2.3122,
0.2753

 119.5017,
119.3553, 88.5674

 0.9744, 0.7802,
0.0000

150.4844,
150.8842, 115.4409

 0.0000, 0.0000,
0.0000

186.4067,

187.5273, 147.2650

227.6339,
229.6691, 184.4583

■ 25.8948, 24.9711,
13.8110

■ 25.8948, 24.9711,
13.8110

■ 24.1687, 22.5761,
9.9763

■ 27.8739, 27.6134,
18.5275

■ 22.6808, 20.4162,
6.9652

■ 30.1157, 30.5073,
24.1759

■ 21.4178, 18.4836,
4.7149

■ 32.6319, 33.6617,
30.8043

■ 20.3636, 16.7681,
3.1524

■ 35.4326, 37.0836,
38.4569

■ 19.4994, 15.2583,
2.1903

■ 38.5275, 40.7800,
47.1755

■ 19.0687, 14.4802,
1.7899

■ 41.9258, 44.7573,
56.9991

■ 45.6361, 49.0220,
67.9652

■ 49.6668, 53.5801,
80.1091

■ 54.0260, 58.4376,
93.4648

Harmonies

Analogous

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



28.7459, 24.9711, 17.4027



25.8948, 24.9711, 13.8110



22.6888, 24.9711, 13.3106

Triad

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



25.8948, 24.9711, 13.8110



18.1970, 24.9711, 30.3431



27.8920, 24.9711, 42.9744

Complementary

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



25.8948, 24.9711, 13.8110



19.4716, 21.0816, 39.6021

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.



24.8114, 24.9711, 48.3907



25.8948, 24.9711, 13.8110



19.3419, 24.9711, 40.0916

Square

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



25.8948, 24.9711, 13.8110



18.4308, 24.9711, 21.6123



21.6974, 24.9711, 47.2315



29.9685, 24.9711, 33.6516

Rectangle

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



25.8948, 24.9711, 13.8110



20.8030, 24.9711, 14.6459



21.6974, 24.9711, 47.2315



26.9288, 24.9711, 45.3975

Sweetspot

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



25.8954, 24.9723, 13.8115



58.9563, 60.9218, 56.5529



23.8801, 17.6561, 23.2687



12.9653, 13.3510, 12.0432



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.



25.8954, 24.9723, 13.8115



43.3857, 40.5758, 18.0825



31.7309, 36.6433, 15.7567



7.8294, 8.1388, 7.9476



14.6406, 11.1785, 1.3860



0.4074, 0.3744, 0.0508

Inverse Universe

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



19.4716, 21.0816, 39.6021



30.4076, 32.7155, 70.1873



15.4038, 12.9461, 38.2462



7.4300, 7.8970, 9.5510



7.7823, 7.0248, 28.9212



0.2406, 0.2733, 0.7207

Previews

White Background



This preview shows how the XYZ color 25.8948, 24.9711, 13.8110 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 25.8948, 24.9711, 13.8110 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 25.8948, 24.9711, 13.8110

Background



This preview shows how black text looks on a background with the XYZ color 25.8948, 24.9711, 13.8110.



This preview shows how white text looks on a background with the XYZ color 25.8948, 24.9711,

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

25.8948, 24.9711, 13.8110

Protanopia

23.2697, 25.0317, 14.6715

Deuteranopia

25.4019, 24.9154, 13.8263



Tritanopia

28.4313, 25.0464, 25.8902

Trichromacy



Original Color

25.8948, 24.9711, 13.8110

Protanomaly

24.1082, 24.8450, 14.3514

Deuteranomaly

25.6091, 25.0222, 13.8360

Tritanomaly

27.4967, 25.0567, 20.8400

Monochromacy



Original Color

25.8948, 24.9711, 13.8110

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1890, 24.7266, 21.5870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8948, 24.9711, 13.8110 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(167, 130, 93)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 93)  
}
```

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(167, 130, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 93) }
```

Border

The CSS property to change the border of an element to XYZ 25.8948, 24.9711, 13.8110 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(167, 130, 93) }
```


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

```
.border{ border-color:rgb(167, 130, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 93);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8948, 24.9711, 13.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 93) }
```

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

```
.background{ background-color: rgb(167,  
130, 93) }
```

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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