

Converting Colors

XYZ(24.7821, 24.7854, 13.5447)

Have a look what the booklet for
XYZ(24.7821, 24.7854, 13.5447)
contains.

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Color

**XYZ(24.8810, 24.8523,
13.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	A1845C
RGB	161, 132, 92
RGB Percent	63%, 52%, 36%
CMY	0.3686, 0.4823, 0.6392
CMYK	0.00, 0.18, 0.43, 0.37
HSL	35°, 27%, 50%
HSV	35°, 43%, 63%
XYZ	24.8810, 24.8523, 13.6108
YIQ	136.1110, 30.1240, -6.2920

Conversions

Conversions Part 2

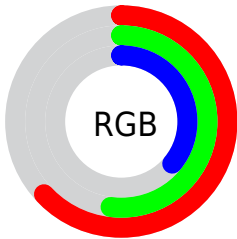
Format	Color
R_{YB}	142, 161, 92
Decimal	10585180
CIE _{Lab}	56.93, 5.49, 25.74
CIE _{LCh}	57, 26.322, 77.958
Yxy	24.8523, 0.3928, 0.3923
Android (android.graphics.Color)	4288775260 (0xFFA1845C)
YUV	136.1110, -21.7467, 21.8277
Hunter-Lab	49.8521, 1.8476, 18.7089

Details

The XYZ color **24.8810, 24.8523, 13.6108** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6838, 18.5227, 36.3615**, and the grayscale version is **23.5149, 24.7395, 26.9413**.

A 20% lighter version of the original color is **50.9222, 51.4328, 33.2302**, and **9.7513, 9.5641, 3.8147** is the 20% darker color. If you saturate the color by 10%, you get **23.3629, 22.8252, 9.9938**, and if you desaturate by 10%, it is **26.6095, 27.0607, 18.0364**.

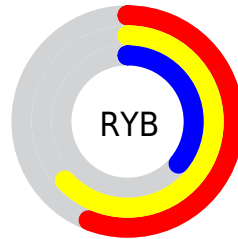
Distribution



Red (63%)

Green (52%)

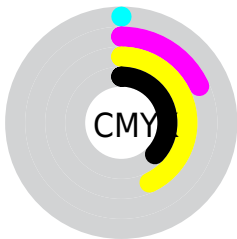
Blue (36%)



Red (56%)

Yellow (63%)

Blue (36%)

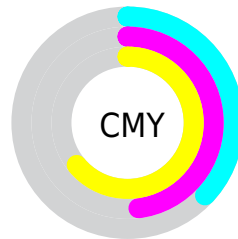


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (37%)



Cyan (37%)

Magenta (48%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8810, 24.8523, 13.6108 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 24.8810, 24.8523, 13.6108 by changing the saturation by 10% instead.

■ 24.8810, 24.8523,
13.6108

■ 24.8810, 24.8523,
13.6108

269.6034,
277.1016, 226.1396

■ 16.1167, 15.9670,
7.7148

■ 50.9084, 51.4175,
33.1040

■ 9.6981, 9.5008,
3.8279

■ 68.9022, 69.8663,
47.5382

■ 5.2600, 5.0693,
1.5314

■ 90.7031, 92.2716,
65.6557

■ 2.4369, 2.2880,
0.2412

■ 116.6767,
119.0180, 87.8749

■ 0.8636, 0.7673,
0.0000

147.1881,
150.4898, 114.6143

■ 0.0000, 0.0000,
0.0000

182.6028,

187.0714, 146.2925

223.2861,
229.1472, 183.3281

■ 24.8810, 24.8523,
13.6108

■ 24.8810, 24.8523,
13.6108

■ 23.3629, 22.8252,
9.9938

■ 26.6095, 27.0607,
18.0364

■ 22.0425, 20.9697,
7.1333

■ 28.5563, 29.4524,
23.3154

■ 20.9088, 19.2804,
4.9730

■ 30.7311, 32.0340,
29.4911

■ 19.9484, 17.7501,
3.4485

■ 33.1425, 34.8105,
36.6033

■ 19.1454, 16.3706,
2.4828

■ 35.7986, 37.7868,
44.6894

■ 18.6424, 15.4659,
2.0027

■ 38.7069, 40.9676,
53.7850

■ 41.8747, 44.3572,
63.9235

■ 45.3091, 47.9599,
75.1371

■ 49.0167, 51.7800,
87.4563

Harmonies

Analogous

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



27.8219, 24.8523, 16.3001



24.8810, 24.8523, 13.6108



21.8387, 24.8523, 13.8999

Triad

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



24.8810, 24.8523, 13.6108



18.4146, 24.8523, 32.6448



28.3076, 24.8523, 40.1096

Complementary

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



24.8810, 24.8523, 13.6108



17.6838, 18.5227, 36.3615

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.



25.4984, 24.8523, 46.6579



24.8810, 24.8523, 13.6108



19.8665, 24.8523, 41.7436

Square

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



24.8810, 24.8523, 13.6108



18.2806, 24.8523, 23.6673



22.4050, 24.8523, 47.3137



29.9125, 24.8523, 30.7622

Rectangle

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



24.8810, 24.8523, 13.6108



20.1565, 24.8523, 15.7512



22.4050, 24.8523, 47.3137



27.4622, 24.8523, 42.7914

Sweetspot

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



24.8816, 24.8535, 13.6113



54.8780, 57.1844, 52.3563



22.0319, 16.6343, 20.4297



11.8500, 12.3236, 10.9480



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.8816, 24.8535, 13.6113



42.0705, 41.1915, 18.4235



28.4646, 33.3704, 15.0664



7.3988, 7.7359, 7.4833



14.9300, 12.4340, 1.6131



0.3590, 0.3518, 0.0490

Inverse Universe

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



17.6838, 18.5227, 36.3615



27.5290, 28.4127, 64.4198



15.1477, 12.7473, 35.3804



6.9337, 7.3263, 8.9517



6.8110, 5.4014, 27.6134



0.1894, 0.2060, 0.5956

Previews

White Background



This preview shows how the XYZ color 24.8810, 24.8523, 13.6108 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 24.8810, 24.8523, 13.6108 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 24.8810, 24.8523, 13.6108

Background



This preview shows how black text looks on a background with the XYZ color 24.8810, 24.8523, 13.6108.



This preview shows how white text looks on a background with the XYZ color 24.8810, 24.8523,

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

24.8810, 24.8523, 13.6108

Protanopia

23.1788, 24.9954, 14.1926

Deuteranopia

25.3579, 24.8978, 13.5945



Tritanopia

27.4218, 24.6986, 26.6146

Trichromacy



Original Color

24.8810, 24.8523, 13.6108

Protanomaly

23.7766, 24.8906, 13.9071

Deuteranomaly

25.1523, 24.7918, 13.5848

Tritanomaly

26.4192, 24.6869, 21.1419

Monochromacy



Original Color

24.8810, 24.8523, 13.6108

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7312, 24.7038, 21.2868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8810, 24.8523, 13.6108 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(161, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(161, 132, 92)  
}
```

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(161, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 132, 92) }
```

Border

The CSS property to change the border of an element to XYZ 24.8810, 24.8523, 13.6108 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(161, 132, 92) }
```


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

```
.border{ border-color:rgb(161, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(161, 132,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8810, 24.8523, 13.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 132, 92) }
```

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

```
.background{ background-color: rgb(161,  
132, 92) }
```

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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