

Converting Colors

XYZ(25.3575, 24.3847, 17.7480)

Have a look what the booklet for
XYZ(25.3575, 24.3847, 17.7480)
contains.

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Color

**XYZ(25.3085, 24.3817,
17.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	A1816D
RGB	161, 129, 109
RGB Percent	63%, 51%, 43%
CMY	0.3686, 0.4941, 0.5725
CMYK	0.00, 0.20, 0.32, 0.37
HSL	23°, 22%, 53%
HSV	23°, 32%, 63%
XYZ	25.3085, 24.3817, 17.8402
YIQ	136.2880, 25.4920, 0.5640

Conversions

Conversions Part 2

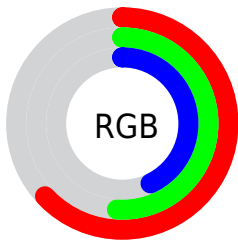
Format	Color
RYB	161, 142, 109
Decimal	10584429
CIELab	56.47, 9.31, 15.50
CIELCh	56, 18.085, 59.017
Yxy	24.3817, 0.3748, 0.3610
Android (android.graphics.Color)	4288774509 (0xFFA1816D)
YUV	136.2880, -13.4530, 21.6724
Hunter-Lab	49.3778, 5.0786, 13.1430

Details

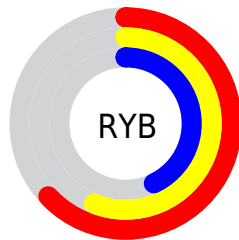
The XYZ color **25.3085, 24.3817, 17.8402** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2642, 24.8733, 37.3458**, and the grayscale version is **23.5524, 24.7790, 26.9843**.

A 20% lighter version of the original color is **51.7762, 50.7808, 40.7910**, and **9.8953, 9.2624, 5.6812** is the 20% darker color. If you saturate the color by 10%, you get **23.2778, 21.5825, 13.2719**, and if you desaturate by 10%, it is **27.6258, 27.4997, 23.2878**.

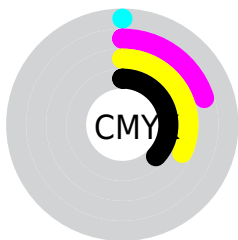
Distribution



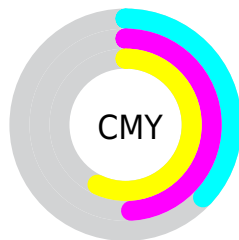
- Red (63%)
- Green (51%)
- Blue (43%)



- Red (63%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (37%)





- Cyan (37%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3085, 24.3817, 17.8402 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 25.3085, 24.3817, 17.8402 by changing the saturation by 10% instead.


 25.3085, 24.3817,
17.8402


 25.3085, 24.3817,
17.8402


271.6902,
274.7446, 252.1746


 16.4370, 15.6170,
10.6671


 51.5966, 50.6524,
40.5751


 9.9267, 9.2535,
5.7321


 69.7438, 68.9271,
56.9739

 5.4123, 4.9069,
2.6167

 91.7137, 91.1407,
77.2851

 2.5284, 2.1928,
0.9011

 117.8716,
117.6775, 101.9271

 0.9096, 0.7160,
0.0000

148.5829,
148.9219, 131.3185

 0.0000, 0.0000,
0.0000

184.2128,

185.2583, 165.8779

225.1268,
227.0710, 206.0237

■ 25.3085, 24.3817,
17.8402

■ 25.3085, 24.3817,
17.8402

■ 23.2778, 21.5825,
13.2719

■ 27.6258, 27.4997,
23.2878

■ 21.5195, 19.0882,
9.5346

■ 30.2392, 30.9433,
29.6567

■ 20.0211, 16.8884,
6.5773

■ 33.1602, 34.7231,
36.9877

■ 18.7679, 14.9713,
4.3431

■ 36.3990, 38.8484,
45.3190

■ 17.7437, 13.3235,
2.7668

■ 39.9653, 43.3280,
54.6865

■ 16.9298, 11.9306,
1.7714

■ 43.8683, 48.1703,
65.1244

■ 16.4170, 11.0152,
1.2609

■ 48.1170, 53.3835,
76.6654

■ 52.7199, 58.9756,
89.3405

■ 57.6854, 64.9542,
103.1799

Harmonies

Analogous

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



26.8752, 24.3817, 21.3391



25.3085, 24.3817, 17.8402



23.2432, 24.3817, 16.6091

Triad

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



25.3085, 24.3817, 17.8402



19.3780, 24.3817, 26.3503



25.1819, 24.3817, 37.9580

Complementary

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



25.3085, 24.3817, 17.8402



22.2642, 24.8733, 37.3458

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.



23.1051, 24.3817, 39.8221



25.3085, 24.3817, 17.8402



19.8294, 24.3817, 32.5411

Square

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



25.3085, 24.3817, 17.8402



19.8917, 24.3817, 21.0445



21.1632, 24.3817, 37.7077



26.7991, 24.3817, 32.9349

Rectangle

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



25.3085, 24.3817, 17.8402



21.8870, 24.3817, 17.0723



21.1632, 24.3817, 37.7077



24.5106, 24.3817, 39.0055

Sweetspot

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



25.3091, 24.3828, 17.8407



55.2131, 56.7943, 55.7368



24.9794, 20.4396, 27.8542



11.9639, 12.2669, 11.8633



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.



25.3091, 24.3828, 17.8407



42.5742, 39.8859, 25.7223



29.1686, 32.1018, 19.1272



7.2867, 7.5119, 7.4460



13.1488, 8.8716, 1.0194



0.3212, 0.2762, 0.0364

Inverse Universe

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



22.2642, 24.8733, 37.3458



36.2223, 40.8961, 66.3711



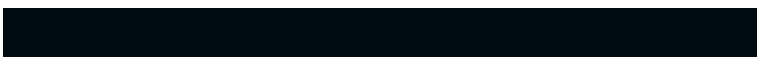
18.8783, 18.1014, 36.2172



7.0462, 7.5514, 8.9893



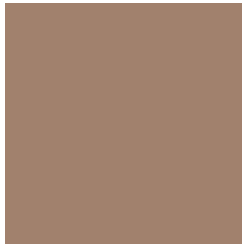
8.7467, 9.2727, 28.2586



0.2274, 0.2821, 0.6083

Previews

White Background



This preview shows how the XYZ color 25.3085, 24.3817, 17.8402 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 25.3085, 24.3817, 17.8402 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 25.3085, 24.3817, 17.8402

Background



This preview shows how black text looks on a background with the XYZ color 25.3085, 24.3817, 17.8402.



This preview shows how white text looks on a background with the XYZ color 25.3085, 24.3817,

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

25.3085, 24.3817, 17.8402

Protanopia

22.9163, 24.3374, 18.8190

Deuteranopia

24.8435, 24.3385, 17.8564



Tritanopia

27.0166, 24.3090, 26.1898

Trichromacy



Original Color

25.3085, 24.3817, 17.8402

Protanomaly

23.8344, 24.4068, 18.4937

Deuteranomaly

25.0410, 24.4403, 17.8656

Tritanomaly

26.3310, 24.2146, 23.0248

Monochromacy



Original Color

25.3085, 24.3817, 17.8402

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8305, 24.3012, 23.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3085, 24.3817, 17.8402 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, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 109)  
}
```

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, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.3085, 24.3817, 17.8402 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, 129, 109) }
```


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

```
.border{ border-color:rgb(161, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(161, 129,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3085, 24.3817, 17.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 109) }
```

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

```
.background{ background-color: rgb(161,  
129, 109) }
```

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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