

Converting Colors

XYZ(25.0817, 24.1759, 13.0173)

Have a look what the booklet for
XYZ(25.0817, 24.1759, 13.0173)
contains.

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Color

**XYZ(25.0817, 24.1759,
13.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	A5805A
RGB	165, 128, 90
RGB Percent	65%, 50%, 35%
CMY	0.3529, 0.4980, 0.6471
CMYK	0.00, 0.22, 0.45, 0.35
HSL	30°, 29%, 50%
HSV	30°, 45%, 65%
XYZ	25.0817, 24.1759, 13.0173
YIQ	134.7310, 34.2500, -3.9740

Conversions

Conversions Part 2

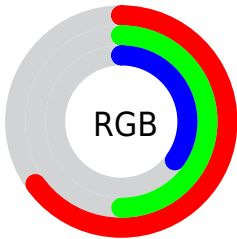
Format	Color
R_{YB}	163, 165, 90
Decimal	10846298
CIE Lab	56.26, 9.23, 26.07
CIE LCh	56, 27.651, 70.506
Yxy	24.1759, 0.4028, 0.3882
Android (android.graphics.Color)	4289036378 (0xFFFA5805A)
YUV	134.7310, -22.0524, 26.5459
Hunter-Lab	49.1690, 5.0093, 18.7215

Details

The XYZ color **25.0817, 24.1759, 13.0173** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.5970, 20.0682, 38.4906**, and the grayscale version is **23.0002, 24.1980, 26.3516**.

A 20% lighter version of the original color is **51.4558, 50.5004, 32.2348**, and **9.7876, 9.1459, 3.5350** is the 20% darker color. If you saturate the color by 10%, you get **23.4366, 21.8876, 9.3803**, and if you desaturate by 10%, it is **26.9691, 26.6992, 17.5048**.

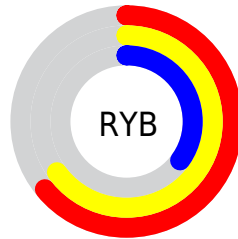
Distribution



Red (65%)

Green (50%)

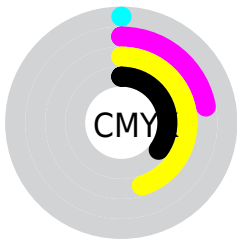
Blue (35%)



Red (64%)

Yellow (65%)

Blue (35%)

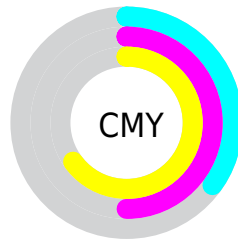


Cyan (0%)

Magenta (22%)

Yellow (45%)

Black (35%)



Cyan (35%)

Magenta (50%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0817, 24.1759, 13.0173 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 25.0817, 24.1759, 13.0173 by changing the saturation by 10% instead.


 25.0817, 24.1759,
13.0173


 25.0817, 24.1759,
13.0173


270.5847,
273.7086, 222.2402


 16.2670, 15.4642,
7.3096


 51.2317, 50.3171,
32.0265


 9.8053, 9.1458,
3.5751


 69.2976, 68.5153,
46.1651


 5.3313, 4.8364,
1.3953


 91.1781, 90.6445,
63.9510

 2.4797, 2.1516,
0.1380

 117.2383,
117.0891, 85.8029

 0.8850, 0.6934,
0.0000

 147.8438,
148.2333, 112.1392

 0.0000, 0.0000,
0.0000

183.3597,

184.4617, 143.3785

224.1516,
226.1587, 179.9393

■ 25.0817, 24.1759,
13.0173

■ 25.0817, 24.1759,
13.0173

■ 23.4366, 21.8876,
9.3803

■ 26.9691, 26.6992,
17.5048

■ 22.0196, 19.8228,
6.5367

■ 29.1084, 29.4617,
22.8918

■ 20.8175, 17.9737,
4.4245

■ 31.5108, 32.4717,
29.2254

■ 19.8146, 16.3307,
2.9720

■ 34.1861, 35.7362,
36.5490

■ 18.9914, 14.8823,
2.0870

■ 37.1439, 39.2616,
44.9031

■ 18.6571, 14.2794,
1.7729

■ 40.3928, 43.0543,
54.3261

■ 43.9415, 47.1202,
64.8544

■ 47.7979, 51.4651,
76.5225

■ 51.9699, 56.0948,
89.3637

Harmonies

Analogous

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



27.9526, 24.1759, 16.5017



25.0817, 24.1759, 13.0173



21.8805, 24.1759, 12.5779

Triad

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



25.0817, 24.1759, 13.0173



17.4713, 24.1759, 29.6504



27.1870, 24.1759, 42.0244

Complementary

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



25.0817, 24.1759, 13.0173



18.5970, 20.0682, 38.4906

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.



24.1125, 24.1759, 47.5897



25.0817, 24.1759, 13.0173



18.6325, 24.1759, 39.4272

Square

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



25.0817, 24.1759, 13.0173



17.6789, 24.1759, 20.8974



20.9962, 24.1759, 46.5427



29.2436, 24.1759, 32.6158

Rectangle

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



25.0817, 24.1759, 13.0173



20.0098, 24.1759, 13.9266



20.9962, 24.1759, 46.5427



26.2271, 24.1759, 44.4950

Sweetspot

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



25.0823, 24.1771, 13.0178



56.9813, 58.8305, 53.8162



23.0368, 16.8572, 22.2897



12.2529, 12.6091, 11.2157



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.0823, 24.1771, 13.0178



41.8223, 38.9840, 16.4811



30.8176, 35.6477, 14.9296



7.3565, 7.6514, 7.4692



14.1644, 10.9028, 1.3579



0.3448, 0.3235, 0.0443

Inverse Universe

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



18.5970, 20.0682, 38.4906



28.6670, 30.6509, 68.1576



14.6643, 12.2029, 37.1797



6.9755, 7.4099, 8.9657



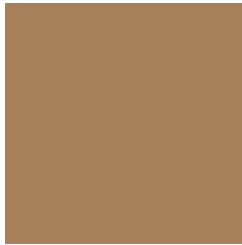
7.4358, 6.6509, 27.8216



0.2035, 0.2343, 0.6004

Previews

White Background



This preview shows how the XYZ color 25.0817, 24.1759, 13.0173 looks on a white background.

Color Contrast Check

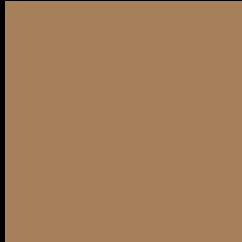
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0817, 24.1759, 13.0173 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 25.0817, 24.1759, 13.0173

Background



This preview shows how black text looks on a background with the XYZ color 25.0817, 24.1759, 13.0173.



This preview shows how white text looks on a background with the XYZ color 25.0817, 24.1759,

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

25.0817, 24.1759, 13.0173

Protanopia

22.4938, 24.2293, 13.8471

Deuteranopia

24.5960, 24.1201, 13.0322



Tritanopia

27.6100, 24.2669, 25.0586

Trichromacy



Original Color

25.0817, 24.1759, 13.0173

Protanomaly

23.3199, 24.0475, 13.5378

Deuteranomaly

24.8000, 24.2252, 13.0417

Tritanomaly

26.6930, 24.2764, 20.1086

Monochromacy



Original Color

25.0817, 24.1759, 13.0173

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4351, 23.9454, 20.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0817, 24.1759, 13.0173 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(165, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 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(165, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.0817, 24.1759, 13.0173 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(165, 128, 90) }
```


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

```
.border{ border-color:rgb(165, 128, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 128, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0817, 24.1759, 13.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 90) }
```

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

```
.background{ background-color: rgb(165,  
128, 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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