

Converting Colors

XYZ(25.2336, 24.8720, 11.8583)

Have a look what the booklet for
XYZ(25.2336, 24.8720, 11.8583)
contains.

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Color

**XYZ(25.2336, 24.8720,
11.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	A58354
RGB	165, 131, 84
RGB Percent	65%, 51%, 33%
CMY	0.3529, 0.4863, 0.6706
CMYK	0.00, 0.21, 0.49, 0.35
HSL	35°, 33%, 49%
HSV	35°, 49%, 65%
XYZ	25.2336, 24.8720, 11.8583
YIQ	135.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

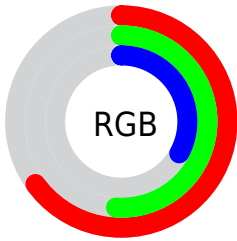
Format	Color
RYB	143, 165, 84
Decimal	10847060
CIELab	56.95, 6.91, 30.27
CIELCh	57, 31.046, 77.136
Yxy	24.8720, 0.4072, 0.4014
Android (android.graphics.Color)	4289037140 (0xFFA58354)
YUV	135.8080, -25.5413, 25.6014
Hunter-Lab	49.8718, 3.0397, 20.8126

Details

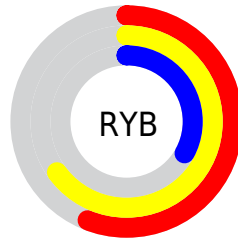
The XYZ color **25.2336, 24.8720, 11.8583** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.9259, 17.5577, 38.0942**, and the grayscale version is **23.4137, 24.6330, 26.8253**.

A 20% lighter version of the original color is **51.5678, 51.5318, 29.7830**, and **9.9068, 9.5477, 3.0710** is the 20% darker color. If you saturate the color by 10%, you get **23.7628, 22.8458, 8.5466**, and if you desaturate by 10%, it is **26.9200, 27.0859, 15.9935**.

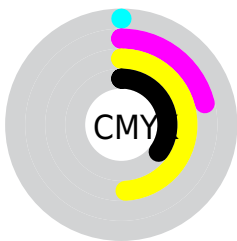
Distribution



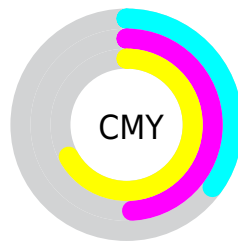
- Red (65%)
- Green (51%)
- Blue (33%)



- Red (56%)
- Yellow (65%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2336, 24.8720, 11.8583 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 25.2336, 24.8720, 11.8583 by changing the saturation by 10% instead.


 25.2336, 24.8720,
11.8583


 25.2336, 24.8720,
11.8583


271.3255,
277.1999, 214.4094


 16.3808, 15.9817,
6.5259


 51.4761, 51.4495,
29.8973

 9.8866, 9.5112,
3.0935


 69.5966, 69.9055,
43.4410


 5.3855, 5.0761,
1.1426


 91.5370, 92.3189,
60.5588

 2.5123, 2.2920,
0.0000

 117.6627,
119.0740, 81.6693

 0.9014, 0.7695,
0.0000

 148.3390,
150.5552, 107.1911

 0.0000, 0.0000,
0.0000

183.9314,

187.1471, 137.5427

224.8051,
229.2338, 173.1427

■ 25.2336, 24.8720,
11.8583

■ 25.2336, 24.8720,
11.8583

■ 23.7628, 22.8458,
8.5466

■ 26.9200, 27.0859,
15.9935

■ 22.4939, 20.9968,
5.9994

■ 28.8312, 29.4901,
21.0026

■ 21.4137, 19.3190,
4.1519

■ 30.9779, 32.0917,
26.9339

■ 20.5067, 17.8040,
2.9280

■ 33.3696, 34.8963,
33.8316

■ 19.7428, 16.4376,
2.1753

■ 36.0152, 37.9091,
41.7370

■ 19.6770, 16.3192,
2.1128

■ 38.9229, 41.1352,
50.6889

■ 42.1007, 44.5793,
60.7242

■ 45.5564, 48.2463,
71.8780

■ 49.2971, 52.1404,
84.1837

Harmonies

Analogous

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



28.7305, 24.8720, 14.8817



25.2336, 24.8720, 11.8583



21.6365, 24.8720, 12.0828

Triad

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



25.2336, 24.8720, 11.8583



17.5603, 24.8720, 33.4299



29.1528, 24.8720, 43.1419

Complementary

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



25.2336, 24.8720, 11.8583



16.9259, 17.5577, 38.0942

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.



25.7637, 24.8720, 51.1203



25.2336, 24.8720, 11.8583



19.1895, 24.8720, 44.5995

Square

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



25.2336, 24.8720, 11.8583



17.4497, 24.8720, 22.8574



22.1151, 24.8720, 51.7134



31.1446, 24.8720, 31.7961

Rectangle

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



25.2336, 24.8720, 11.8583



19.6598, 24.8720, 14.0340



22.1151, 24.8720, 51.7134



28.1243, 24.8720, 46.4204

Sweetspot

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



25.2342, 24.8732, 11.8588



57.0609, 59.3470, 52.7416



22.0233, 15.6745, 19.3492



12.2922, 12.7590, 11.0088



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.



25.2342, 24.8732, 11.8588



42.3166, 40.5730, 14.7949



29.4728, 34.9828, 13.5868



7.3991, 7.7366, 7.4834



14.9360, 12.4460, 1.6151



0.3591, 0.3520, 0.0490

Inverse Universe

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



16.9259, 17.5577, 38.0942



25.6756, 25.9409, 67.4062



14.1204, 11.2012, 37.0151



6.9333, 7.3257, 8.9516



6.8069, 5.3931, 27.6120



0.1893, 0.2058, 0.5956

Previews

White Background



This preview shows how the XYZ color 25.2336, 24.8720, 11.8583 looks on a white background.

Color Contrast Check

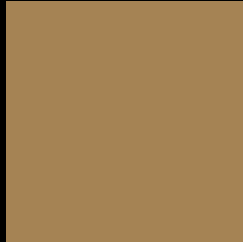
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2336, 24.8720, 11.8583 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 25.2336, 24.8720, 11.8583

Background



This preview shows how black text looks on a background with the XYZ color 25.2336, 24.8720, 11.8583.



This preview shows how white text looks on a background with the XYZ color 25.2336, 24.8720,

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

25.2336, 24.8720, 11.8583

Protanopia

23.0198, 24.9528, 12.4072

Deuteranopia

25.4424, 24.9797, 11.8681



Tritanopia

28.2143, 24.9345, 25.8800

Trichromacy



Original Color

25.2336, 24.8720, 11.8583

Protanomaly

23.8212, 24.9524, 12.1551

Deuteranomaly

25.4424, 24.9797, 11.8681

Tritanomaly

26.8902, 24.7645, 19.8858

Monochromacy



Original Color

25.2336, 24.8720, 11.8583

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.7686, 24.5376, 20.3131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2336, 24.8720, 11.8583 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, 131, 84)` looks like.

```
.text, #text, p{  
    color:rgb(165, 131, 84)  
}
```

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, 131, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 131, 84) }
```

Border

The CSS property to change the border of an element to XYZ 25.2336, 24.8720, 11.8583 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, 131, 84) }
```


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

```
.border{ border-color:rgb(165, 131, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 131, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 131, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 131, 84);  
box-shadow:4px 4px 4px 4px rgb(165, 131,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2336, 24.8720, 11.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 131, 84) }
```

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

```
.background{ background-color: rgb(165,  
131, 84) }
```

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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