

Converting Colors

XYZ(24.9776, 25.8151, 1.5606)

Have a look what the booklet for
XYZ(24.9776, 25.8151, 1.5606)
contains.

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Color

**XYZ(25.4586, 25.9859,
3.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8700
RGB	171, 135, 0
RGB Percent	67%, 53%, 0%
CMY	0.3294, 0.4706, 1.0000
CMYK	0.00, 0.21, 1.00, 0.33
HSL	47°, 100%, 34%
HSV	47°, 100%, 67%
XYZ	25.4586, 25.9859, 3.6740
YIQ	130.3740, 64.7910, -34.3530

Conversions

Conversions Part 2

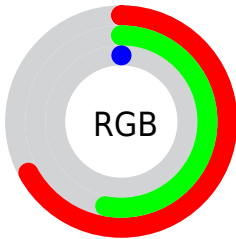
Format	Color
RYB	46, 171, 0
Decimal	11241216
CIELab	58.02, 3.24, 63.00
CIELCh	58, 63.082, 87.057
Yxy	25.9859, 0.4619, 0.4715
Android (android.graphics.Color)	4289431296 (0xFFAB8700)
YUV	130.3740, -64.2744, 35.6290
Hunter-Lab	50.9764, -0.0622, 31.4103

Details

The XYZ color **25.4586, 25.9859, 3.6740** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.9818, 4.2024, 38.9183**, and the grayscale version is **21.5567, 22.6793, 24.6977**.

A 20% lighter version of the original color is **51.6905, 53.2191, 13.1782**, and **10.2672, 10.2330, 1.4340** is the 20% darker color. If you saturate the color by 10%, you get **25.4588, 25.9865, 3.6741**, and if you desaturate by 10%, it is **26.0720, 27.0496, 4.3818**.

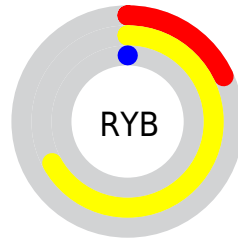
Distribution



Red (67%)

Green (53%)

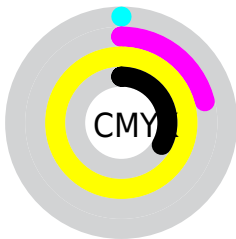
Blue (0%)



Red (18%)

Yellow (67%)

Blue (0%)

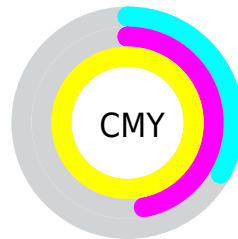


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4586, 25.9859, 3.6740 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 25.4586, 25.9859, 3.6740 by changing the saturation by 10% instead.

■ 25.4586, 25.9859,
3.6740

■ 25.4586, 25.9859,
3.6740

272.4199,
282.7129, 144.5299

■ 16.5496, 16.8131,
1.4483

■ 51.8378, 53.2522,
13.2506

■ 10.0072, 10.1013,
0.1789

■ 70.0387, 72.1145,
21.4386

■ 5.4660, 5.4662,
0.0000

■ 92.0676, 94.9754,
32.4511

■ 2.5608, 2.5233,
0.0000

■ 118.2899,
122.2193, 46.7066

■ 0.9260, 0.8883,
0.0000

■ 149.0709,
154.2306, 64.6237

■ 0.0000, 0.0000,
0.0000

■ 184.7760,

191.3937, 86.6209

■ 225.7705,
234.0930, 113.1168

■ 25.4586, 25.9859,
3.6740

■ 25.4586, 25.9859,
3.6740

■ 25.4588, 25.9865,
3.6741

■ 26.0720, 27.0496,
4.3818

■ 26.7897, 28.1814,
5.5570

■ 27.6476, 29.3970,
7.3850

■ 28.6619, 30.7031,
9.9505

■ 29.8463, 32.1055,
13.3250

■ 31.2131, 33.6092,
17.5719

■ 32.7731, 35.2189,
22.7480

■ 34.5364, 36.9388,
28.9054

■ 36.5123, 38.7730,
36.0924

Harmonies

Analogous

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



33.5524, 25.9859, 5.6705



25.4586, 25.9859, 3.6740



18.6165, 25.9859, 4.9643

Triad

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



25.4586, 25.9859, 3.6740



13.8149, 25.9859, 51.9908



39.1454, 25.9859, 57.7911

Complementary

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



25.4586, 25.9859, 3.6740



7.9818, 4.2024, 38.9183

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.



31.9797, 25.9859, 84.5163



25.4586, 25.9859, 3.6740



17.5582, 25.9859, 80.1270

Square

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



25.4586, 25.9859, 3.6740



12.7673, 25.9859, 26.1944



23.9543, 25.9859, 94.2788



42.4076, 25.9859, 30.5034

Rectangle

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



25.4586, 25.9859, 3.6740



15.4522, 25.9859, 8.2560



23.9543, 25.9859, 94.2788



37.0496, 25.9859, 67.5816

Sweetspot

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



25.4592, 25.9872, 3.6745



58.5363, 62.9159, 40.1992



17.1294, 8.7921, 2.5493



12.7909, 13.7630, 8.0805



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4592, 25.9872, 3.6745



45.4372, 46.2237, 6.5273



22.6674, 33.3037, 5.2339



8.5174, 9.0396, 8.5093



19.2312, 19.6679, 2.7827



0.5704, 0.6180, 0.0892

Inverse Universe

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



7.9818, 4.2024, 38.9183



14.1693, 7.2751, 69.6593



8.5914, 3.5801, 38.7660



7.7105, 8.0203, 10.0944



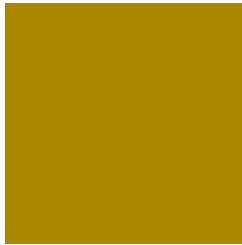
6.0490, 3.2319, 29.3495



0.2066, 0.1665, 0.8292

Previews

White Background



This preview shows how the XYZ color 25.4586, 25.9859, 3.6740 looks on a white background.

Color Contrast Check

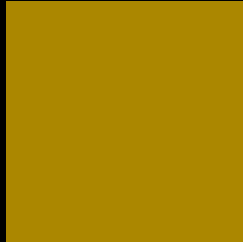
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4586, 25.9859, 3.6740 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 25.4586, 25.9859, 3.6740

Background



This preview shows how black text looks on a background with the XYZ color 25.4586, 25.9859, 3.6740.



This preview shows how white text looks on a background with the XYZ color 25.4586, 25.9859,

3.6740.

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

25.4586, 25.9859, 3.6740

Protanopia

23.5225, 26.0428, 4.0167

Deuteranopia

26.5738, 26.1441, 3.9329



Tritanopia

30.0669, 25.8815, 26.3326

Trichromacy



Original Color

25.4586, 25.9859, 3.6740

Protanomaly

24.2201, 25.9744, 3.8806

Deuteranomaly

26.2372, 26.1773, 3.8422

Tritanomaly

27.2092, 25.4864, 12.2894

Monochromacy



Original Color

25.4586, 25.9859, 3.6740

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4897, 23.1468, 11.5188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4586, 25.9859, 3.6740 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(171, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 0)  
}
```

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(171, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.4586, 25.9859, 3.6740 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(171, 135, 0) }
```


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

```
.border{ border-color:rgb(171, 135, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4586, 25.9859, 3.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 0) }
```

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

```
.background{ background-color: rgb(171,  
135, 0) }
```

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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