

Converting Colors

XYZ(25.8718, 23.4378, 3.1604)

Have a look what the booklet for
XYZ(25.8718, 23.4378, 3.1604)
contains.

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Color

**XYZ(25.8934, 23.4985,
3.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	B57900
RGB	181, 121, 0
RGB Percent	71%, 47%, 0%
CMY	0.2902, 0.5255, 1.0000
CMYK	0.00, 0.33, 1.00, 0.29
HSL	40°, 100%, 35%
HSV	40°, 100%, 71%
XYZ	25.8934, 23.4985, 3.1709
YIQ	125.1460, 74.6010, -24.9110

Conversions

Conversions Part 2

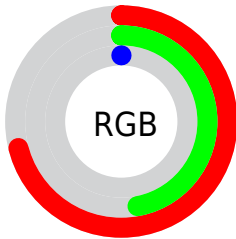
Format	Color
R_{YB}	90, 181, 0
Decimal	11892992
CIE _{Lab}	55.58, 15.59, 61.89
CIE _{LCh}	56, 63.818, 75.863
Yxy	23.4985, 0.4926, 0.4471
Android (android.graphics.Color)	4290083072 (0xFFB57900)
YUV	125.1460, -61.6970, 48.9840
Hunter-Lab	48.4753, 10.5154, 30.0544

Details

The XYZ color **25.8934, 23.4985, 3.1709** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.9564, 6.5680, 44.4586**, and the grayscale version is **19.7270, 20.7543, 22.6014**.

A 20% lighter version of the original color is **52.5746, 49.1696, 12.0299**, and **10.4857, 8.8457, 1.1547** is the 20% darker color. If you saturate the color by 10%, you get **25.8936, 23.4991, 3.1710**, and if you desaturate by 10%, it is **26.7559, 25.0477, 4.0014**.

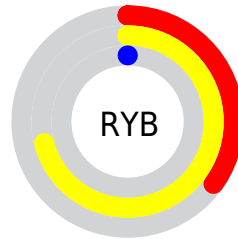
Distribution



Red (71%)

Green (47%)

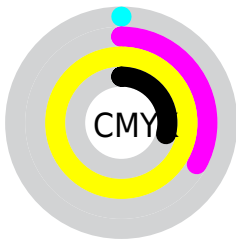
Blue (0%)



Red (35%)

Yellow (71%)

Blue (0%)

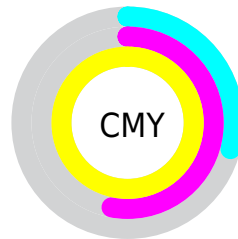


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8934, 23.4985, 3.1709 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 25.8934, 23.4985, 3.1709 by changing the saturation by 10% instead.


 25.8934, 23.4985,
3.1709


 25.8934, 23.4985,
3.1709


274.5247,
270.2752, 138.5084


 16.8762, 14.9620,
1.1825


 52.5355, 49.2106,
12.0473

 10.2410, 8.7927,
0.0000


 70.8910, 67.1550,
19.7724

 5.6225, 4.6062,
0.0000

 93.0900, 89.0041,
30.2469

 2.6554, 2.0181,
0.0000

 119.4978,
115.1424, 43.8893

 0.9743, 0.6180,
0.0000

 150.4799,
145.9543, 61.1181

 0.0000, 0.0000,
0.0000

 186.4015,

181.8241, 82.3518

■ 227.6280,
223.1363, 108.0091

■ 25.8934, 23.4985,
3.1709

■ 25.8934, 23.4985,
3.1709

■ 25.8936, 23.4991,
3.1710

■ 26.7559, 25.0477,
4.0014

■ 27.7656, 26.7286,
5.3814

■ 28.9622, 28.5593,
7.5139

■ 30.3649, 30.5488,
10.4968

■ 31.9901, 32.7048,
14.4129

■ 33.8525, 35.0343,
19.3352

■ 35.9652, 37.5436,
25.3296

■ 38.3402, 40.2388,
32.4559

■ 40.9887, 43.1253,
40.7700

Harmonies

Analogous

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



33.4424, 23.4985, 6.3641



25.8934, 23.4985, 3.1709



18.7566, 23.4985, 3.2484

Triad

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



25.8934, 23.4985, 3.1709



11.4800, 23.4985, 38.0404



33.8302, 23.4985, 64.3728

Complementary

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



25.8934, 23.4985, 3.1709



9.9564, 6.5680, 44.4586

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.



26.3409, 23.4985, 85.9036



25.8934, 23.4985, 3.1709



14.0070, 23.4985, 65.9492

Square

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



25.8934, 23.4985, 3.1709



11.4108, 23.4985, 17.0645



19.1178, 23.4985, 86.5993



38.6494, 23.4985, 36.5558

Rectangle

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



25.8934, 23.4985, 3.1709



15.1596, 23.4985, 5.0164



19.1178, 23.4985, 86.5993



31.4773, 23.4985, 73.1143

Sweetspot

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



25.8939, 23.4997, 3.1713



64.2114, 67.0057, 44.7753



19.8805, 10.1536, 5.2339



13.5294, 14.0725, 8.6727



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8939, 23.4997, 3.1713



46.1584, 41.6528, 5.6070



29.2554, 39.6109, 6.1039



8.9550, 9.4225, 8.9993



17.9163, 16.3311, 2.2079



0.6145, 0.6155, 0.0864

Inverse Universe

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



9.9564, 6.5680, 44.4586



17.6453, 11.3903, 79.5631



8.8809, 3.6149, 43.9453



8.2645, 8.6751, 10.7452



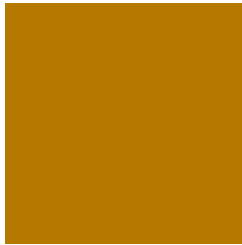
6.9212, 4.6428, 30.6683



0.2727, 0.2559, 0.9833

Previews

White Background



This preview shows how the XYZ color 25.8934, 23.4985, 3.1709 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 25.8934, 23.4985, 3.1709 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 25.8934, 23.4985, 3.1709

Background



This preview shows how black text looks on a background with the XYZ color 25.8934, 23.4985, 3.1709.



This preview shows how white text looks on a background with the XYZ color 25.8934, 23.4985,

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

25.8934, 23.4985, 3.1709

Protanopia

21.3540, 23.6560, 3.7884

Deuteranopia

23.9516, 23.6138, 3.2955



Tritanopia

29.4951, 23.4079, 21.0528

Trichromacy



Original Color

25.8934, 23.4985, 3.1709

Protanomaly

22.7944, 23.3994, 3.5449

Deuteranomaly

24.5672, 23.5515, 3.2511

Tritanomaly

27.2375, 22.9876, 10.0227

Monochromacy



Original Color

25.8934, 23.4985, 3.1709

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3327, 21.0142, 10.5739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8934, 23.4985, 3.1709 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(181, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 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(181, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8934, 23.4985, 3.1709 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(181, 121, 0) }
```


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

```
.border{ border-color:rgb(181, 121, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8934, 23.4985, 3.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 0) }
```

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

```
.background{ background-color: rgb(181,  
121, 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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