

Converting Colors

XYZ(23.8193, 25.7672, 3.8904)

Have a look what the booklet for
XYZ(23.8193, 25.7672, 3.8904)
contains.

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Color

**XYZ(23.8193, 25.7672,
3.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	A18A06
RGB	161, 138, 6
RGB Percent	63%, 54%, 2%
CMY	0.3686, 0.4588, 0.9764
CMYK	0.00, 0.14, 0.96, 0.37
HSL	51°, 93%, 33%
HSV	51°, 96%, 63%
XYZ	23.8193, 25.7672, 3.8904
YIQ	129.8290, 56.0800, -36.1760

Conversions

Conversions Part 2

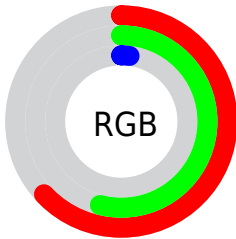
Format	Color
R _Y B	33, 161, 6
Decimal	10586630
CIE Lab	57.82, -2.94, 61.39
CIE LCh	58, 61.465, 92.737
Yxy	25.7672, 0.4454, 0.4818
Android (android.graphics.Color)	4288776710 (0xFFA18A06)
YUV	129.8290, -61.0477, 27.3370
Hunter-Lab	50.7614, -5.0730, 30.9889

Details

The XYZ color **23.8193, 25.7672, 3.8904** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.9476, 3.4909, 34.0256**, and the grayscale version is **21.3537, 22.4657, 24.4652**.

A 20% lighter version of the original color is **49.3157, 52.9451, 13.7511**, and **9.3981, 10.1480, 1.4634** is the 20% darker color. If you saturate the color by 10%, you get **23.6596, 25.5005, 3.6751**, and if you desaturate by 10%, it is **24.2793, 26.5066, 4.6012**.

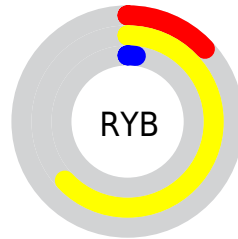
Distribution



Red (63%)

Green (54%)

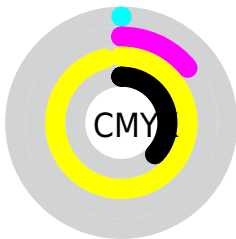
Blue (2%)



Red (13%)

Yellow (63%)

Blue (2%)

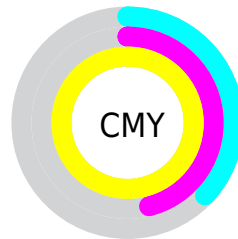


Cyan (0%)

Magenta (14%)

Yellow (96%)

Black (37%)



Cyan (37%)

Magenta (46%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8193, 25.7672, 3.8904 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 23.8193, 25.7672, 3.8904 by changing the saturation by 10% instead.

■ 23.8193, 25.7672,
3.8904

■ 23.8193, 25.7672,
3.8904

264.3631,
281.6374, 146.9993

■ 15.3236, 16.6496,
1.5654

■ 49.1920, 52.8991,
13.7562

■ 9.1346, 9.9850,
0.2660

■ 66.7997, 71.6822,
22.1341

■ 4.8869, 5.3890,
0.0000

■ 88.1755, 94.4559,
33.3667

■ 2.2151, 2.4773,
0.0000

■ 113.6848,
121.6047, 47.8725

■ 0.7507, 0.8652,
0.0000

■ 143.6928,
153.5128, 66.0702

■ 0.0000, 0.0000,
0.0000

■ 178.5650,

190.5647, 88.3781

218.6666,
233.1447, 115.2150

23.8193, 25.7672,
3.8904

23.8193, 25.7672,
3.8904

23.6596, 25.5005,
3.6751

24.2793, 26.5066,
4.6012

24.8408, 27.2978,
5.8112

25.5224, 28.1492,
7.6163

26.3371, 29.0661,
10.0844

27.2961, 30.0531,
13.2740

■ 28.4093, 31.1142,
17.2374

■ 29.6857, 32.2532,
22.0219

■ 31.1337, 33.4733,
27.6710

■ 32.7610, 34.7778,
34.2251

Harmonies

Analogous

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



31.5849, 25.7672, 5.2147



23.8193, 25.7672, 3.8904



17.5891, 25.7672, 5.8729

Triad

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



23.8193, 25.7672, 3.8904



14.3868, 25.7672, 56.2804



39.3986, 25.7672, 51.0995

Complementary

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



23.8193, 25.7672, 3.8904



6.9476, 3.4909, 34.0256

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.



32.9966, 25.7672, 78.0205



23.8193, 25.7672, 3.8904



18.5476, 25.7672, 81.9230

Square

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



23.8193, 25.7672, 3.8904



12.8732, 25.7672, 30.0426



25.1751, 25.7672, 91.3964



41.5801, 25.7672, 26.1591

Rectangle

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



23.8193, 25.7672, 3.8904



14.8424, 25.7672, 9.9395



25.1751, 25.7672, 91.3964



37.6131, 25.7672, 60.5667

Sweetspot

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



23.8199, 25.7684, 3.8909



52.3829, 57.0791, 36.4652



14.9880, 7.7974, 1.8942



11.2884, 12.3395, 7.2489



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.



23.8199, 25.7684, 3.8909



42.2586, 45.4415, 6.5438



18.8114, 28.6132, 4.7040



7.5595, 8.0574, 7.5369



18.9196, 20.4132, 2.9430



0.4203, 0.4745, 0.0694

Inverse Universe

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



6.9476, 3.4909, 34.0256



12.0116, 5.5896, 60.8323



8.3771, 3.6723, 33.9852



6.7814, 7.0217, 8.9010



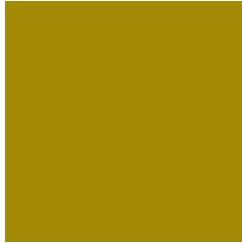
5.4165, 2.6125, 27.1486



0.1367, 0.1007, 0.5781

Previews

White Background



This preview shows how the XYZ color 23.8193, 25.7672, 3.8904 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 23.8193, 25.7672, 3.8904 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 23.8193, 25.7672, 3.8904

Background



This preview shows how black text looks on a background with the XYZ color 23.8193, 25.7672, 3.8904.

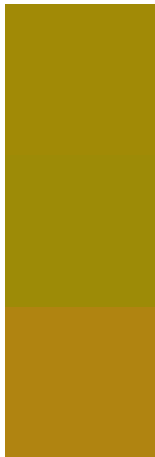


This preview shows how white text looks on a background with the XYZ color 23.8193, 25.7672,

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

23.8193, 25.7672, 3.8904

Protanopia

23.1756, 25.6487, 3.9302

Deuteranopia

26.2569, 25.7731, 4.1211



Tritanopia

28.6688, 25.7083, 27.4960

Trichromacy



Original Color

23.8193, 25.7672, 3.8904

Protanomaly

23.3715, 25.7497, 3.9394

Deuteranomaly

25.3923, 25.7372, 4.0102

Tritanomaly

25.8226, 25.3477, 13.2045

Monochromacy



Original Color

23.8193, 25.7672, 3.8904

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0117, 23.0937, 11.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8193, 25.7672, 3.8904 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, 138, 6)` looks like.

```
.text, #text, p{  
    color:rgb(161, 138, 6)  
}
```

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, 138, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 138, 6) }
```

Border

The CSS property to change the border of an element to XYZ 23.8193, 25.7672, 3.8904 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, 138, 6) }
```


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

```
.border{ border-color:rgb(161, 138, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 138, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 138, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 138, 6);  
box-shadow:4px 4px 4px 4px rgb(161, 138,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8193, 25.7672, 3.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 138, 6) }
```

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

```
.background{ background-color: rgb(161,  
138, 6) }
```

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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