

Converting Colors

XYZ(23.2801, 23.4552, 3.5300)

Have a look what the booklet for
XYZ(23.2801, 23.4552, 3.5300)
contains.

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Color

**XYZ(23.2801, 23.4552,
3.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	A58008
RGB	165, 128, 8
RGB Percent	65%, 50%, 3%
CMY	0.3529, 0.4980, 0.9686
CMYK	0.00, 0.22, 0.95, 0.35
HSL	46°, 91%, 34%
HSV	46°, 95%, 65%
XYZ	23.2801, 23.4552, 3.5300
YIQ	125.3830, 60.5720, -29.4760

Conversions

Conversions Part 2

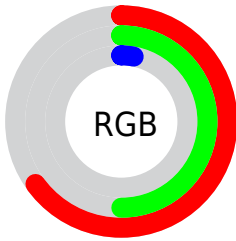
Format	Color
R_{YB}	56, 165, 8
Decimal	10846216
CIE Lab	55.54, 4.48, 59.57
CIE LCh	56, 59.737, 85.696
Yxy	23.4552, 0.4631, 0.4666
Android (android.graphics.Color)	4289036296 (0xFFA58008)
YUV	125.3830, -57.8698, 34.7441
Hunter-Lab	48.4306, 1.0497, 29.5799

Details

The XYZ color **23.2801, 23.4552, 3.5300** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **7.8302, 4.6453, 36.0811**, and the grayscale version is **19.7981, 20.8292, 22.6829**.

A 20% lighter version of the original color is **48.1991, 48.9447, 12.8682**, and **8.9803, 8.7801, 1.2214** is the 20% darker color. If you saturate the color by 10%, you get **22.9929, 22.9511, 3.2181**, and if you desaturate by 10%, it is **23.9239, 24.5408, 4.3680**.

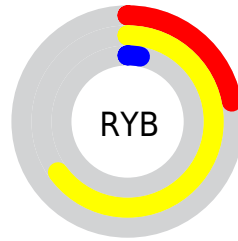
Distribution



Red (65%)

Green (50%)

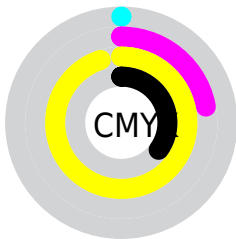
Blue (3%)



Red (22%)

Yellow (65%)

Blue (3%)

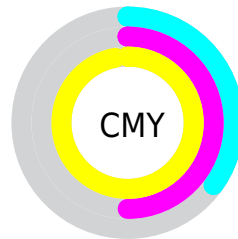


Cyan (0%)

Magenta (22%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (50%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2801, 23.4552, 3.5300 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 23.2801, 23.4552, 3.5300 by changing the saturation by 10% instead.

■ 23.2801, 23.4552,
3.5300

■ 23.2801, 23.4552,
3.5300

261.6689,
270.0545, 142.8486

■ 14.9223, 14.9300,
1.3712

■ 48.3161, 49.1397,
12.9104

■ 8.8508, 8.7703,
0.1191

■ 65.7251, 67.0678,
20.9691

■ 4.7003, 4.5916,
0.0000

■ 86.8817, 88.8989,
31.8316

■ 2.1055, 2.0097,
0.0000

■ 112.1515,
115.0175, 45.9163

■ 0.6922, 0.6131,
0.0000

■ 141.8998,
145.8080, 63.6418

■ 0.0000, 0.0000,
0.0000

■ 176.4919,

181.6547, 85.4267

216.2932,
222.9420, 111.6894

23.2801, 23.4552,
3.5300

23.2801, 23.4552,
3.5300

22.9929, 22.9511,
3.2181

23.9239, 24.5408,
4.3680

24.6907, 25.7061,
5.7589

25.5981, 26.9594,
7.7921

26.6596, 28.3065,
10.5385

27.8873, 29.7525,
14.0595

■ 29.2917, 31.3018,
18.4100

■ 30.8823, 32.9588,
23.6399

■ 32.6683, 34.7272,
29.7950

■ 34.6578, 36.6107,
36.9181

Harmonies

Analogous

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



30.4220, 23.4552, 5.5142



23.2801, 23.4552, 3.5300



17.1342, 23.4552, 4.5713

Triad

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



23.2801, 23.4552, 3.5300



12.5376, 23.4552, 45.2434



34.8007, 23.4552, 52.6796

Complementary

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



23.2801, 23.4552, 3.5300



7.8302, 4.6453, 36.0811

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.



28.3965, 23.4552, 75.6924



23.2801, 23.4552, 3.5300



15.7595, 23.4552, 70.0902

Square

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



23.2801, 23.4552, 3.5300



11.7085, 23.4552, 22.8538



21.3351, 23.4552, 83.2888



37.8703, 23.4552, 28.4261

Rectangle

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



23.2801, 23.4552, 3.5300



14.2472, 23.4552, 7.3997



21.3351, 23.4552, 83.2888



32.9108, 23.4552, 61.2132

Sweetspot

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



23.2806, 23.4564, 3.5305



54.0171, 57.7018, 38.0315



16.1222, 8.3804, 3.4843



11.5615, 12.3547, 7.5062



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.



23.2806, 23.4564, 3.5305



41.0160, 40.7783, 5.7092



22.0666, 31.3445, 5.1170



7.5073, 7.9530, 7.5195



17.4340, 17.4419, 2.4478



0.3989, 0.4317, 0.0623

Inverse Universe

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



7.8302, 4.6453, 36.0811



13.3242, 7.1874, 64.4374



8.0625, 3.5009, 35.8480



6.8297, 7.1184, 8.9171



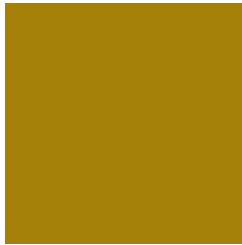
5.7171, 3.2137, 27.2488



0.1536, 0.1345, 0.5837

Previews

White Background



This preview shows how the XYZ color 23.2801, 23.4552, 3.5300 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 23.2801, 23.4552, 3.5300 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 23.2801, 23.4552, 3.5300

Background



This preview shows how black text looks on a background with the XYZ color 23.2801, 23.4552, 3.5300.



This preview shows how white text looks on a background with the XYZ color 23.2801, 23.4552,

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

23.2801, 23.4552, 3.5300

Protanopia

21.1632, 23.5584, 3.7484

Deuteranopia

23.8834, 23.3809, 3.5708



Tritanopia

27.2877, 23.4101, 23.5025

Trichromacy



Original Color

23.2801, 23.4552, 3.5300

Protanomaly

21.8236, 23.4930, 3.6715

Deuteranomaly

23.7926, 23.5255, 3.5740

Tritanomaly

24.9220, 22.9942, 11.5123

Monochromacy



Original Color

23.2801, 23.4552, 3.5300

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7991, 21.1064, 11.0131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2801, 23.4552, 3.5300 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, 8)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 8)  
}
```

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, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 8) }
```

Border

The CSS property to change the border of an element to XYZ 23.2801, 23.4552, 3.5300 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, 8) }
```


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

```
.border{ border-color:rgb(165, 128, 8) }
```

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, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 8);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2801, 23.4552, 3.5300 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, 8) }
```

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

```
.background{ background-color: rgb(165,  
128, 8) }
```

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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