

Converting Colors

XYZ(24.3460, 33.7302, 5.2274)

Have a look what the booklet for
XYZ(24.3460, 33.7302, 5.2274)
contains.

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Color

**XYZ(24.3413, 33.6102,
5.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	88A900
RGB	136, 169, 0
RGB Percent	53%, 66%, 0%
CMY	0.4667, 0.3372, 0.9999
CMYK	0.20, 0.00, 1.00, 0.34
HSL	72°, 100%, 33%
HSV	72°, 100%, 66%
XYZ	24.3413, 33.6102, 5.2045
YIQ	139.8670, 34.5810, -59.5550

Conversions

Conversions Part 2

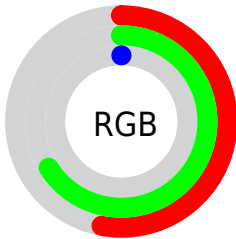
Format	Color
RYB	0, 169, 33
Decimal	8956160
CIELab	64.65, -30.12, 66.47
CIELCh	65, 72.976, 114.374
Yxy	33.6102, 0.3854, 0.5322
Android (android.graphics.Color)	4287146240 (0xFF88A900)
YUV	139.8670, -68.9544, -3.3914
Hunter-Lab	57.9743, -26.5094, 35.2594

Details

The XYZ color **24.3413, 33.6102, 5.2045** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.7899, 3.1888, 37.7431**, and the grayscale version is **25.1270, 26.4356, 28.7884**.

A 20% lighter version of the original color is **49.9180, 65.1568, 16.6022**, and **9.7546, 14.4719, 2.2792** is the 20% darker color. If you saturate the color by 10%, you get **24.3415, 33.6114, 5.2047**, and if you desaturate by 10%, it is **24.9869, 33.9325, 5.7596**.

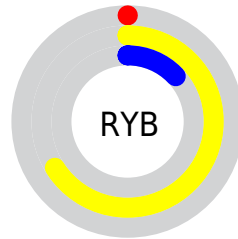
Distribution



Red (53%)

Green (66%)

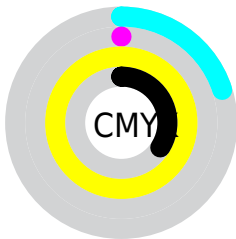
Blue (0%)



Red (0%)

Yellow (66%)

Blue (13%)

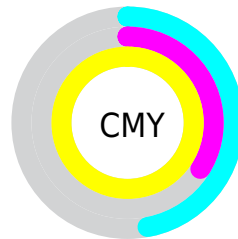


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (47%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3413, 33.6102, 5.2045 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 24.3413, 33.6102, 5.2045 by changing the saturation by 10% instead.


 24.3413, 33.6102,
5.2045


 24.3413, 33.6102,
5.2045


266.9500,
318.3904, 160.7969


 15.7131, 22.5943,
2.3069


 50.0372, 65.3270,
16.7042


 9.4109, 14.2942,
0.7351


 67.8356, 86.7968,
26.1433

 5.0694, 8.3256,
0.0000


 89.4215, 112.5199,
38.6001

 2.3232, 4.3040,
0.0000

 115.1602,
142.8808, 54.4930

 0.8065, 1.8450,
0.0000

 145.4170,
178.2640, 74.2406

 0.0000, 0.5150,
0.0000

 180.5574,

 0.0000, 0.0000,

219.0537, 98.2614

0.0000

220.9466,
265.6344, 126.9740

24.3413, 33.6102,
5.2045

24.3413, 33.6102,
5.2045

24.3415, 33.6114,
5.2047

24.9869, 33.9325,
5.7596

25.7336, 34.2960,
6.7631

26.6167, 34.7160,
8.3974

27.6519, 35.1988,
10.7445

28.8527, 35.7498,
13.8740

■ 30.2307, 36.3737,
17.8472

■ 31.7967, 37.0748,
22.7194

■ 33.5602, 37.8569,
28.5410

■ 35.5305, 38.7237,
35.3590

Harmonies

Analogous

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



33.9584, 33.6102, 3.9899



24.3413, 33.6102, 5.2045



18.2243, 33.6102, 12.2488

Triad

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



24.3413, 33.6102, 5.2045



21.6015, 33.6102, 106.2480



56.4406, 33.6102, 42.5393

Complementary

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



24.3413, 33.6102, 5.2045



7.7899, 3.1888, 37.7431

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.



51.2473, 33.6102, 81.4612



24.3413, 33.6102, 5.2045



30.0137, 33.6102, 129.0953

Square

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



24.3413, 33.6102, 5.2045



16.9012, 33.6102, 65.8960



40.9883, 33.6102, 118.1618



53.9976, 33.6102, 17.5957

Rectangle

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



24.3413, 33.6102, 5.2045



16.2238, 33.6102, 23.1671



40.9883, 33.6102, 118.1618



55.5008, 33.6102, 54.4118

Sweetspot

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



24.3421, 33.6117, 5.2052



56.7807, 66.3229, 40.1673



16.8531, 9.4153, 0.9295



12.1220, 14.3422, 7.9529



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.3421, 33.6117, 5.2052



43.4205, 60.1046, 9.3128



15.6850, 29.1488, 4.8001



8.0012, 8.6987, 8.0466



18.1839, 25.0714, 3.8809



0.4781, 0.6284, 0.0961

Inverse Universe

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



7.7899, 3.1888, 37.7431



13.8149, 5.6402, 67.5856



14.2970, 6.5433, 38.0476



7.2635, 7.3685, 9.4578



5.8409, 2.3945, 28.1298



0.1797, 0.0777, 0.6862

Previews

White Background



This preview shows how the XYZ color 24.3413, 33.6102, 5.2045 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.3413, 33.6102, 5.2045 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3413, 33.6102, 5.2045

Background



This preview shows how black text looks on a background with the XYZ color 24.3413, 33.6102, 5.2045.



This preview shows how white text looks on a background with the XYZ color 24.3413, 33.6102,

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

24.3413, 33.6102, 5.2045

Protanopia

30.1884, 33.4611, 4.8675

Deuteranopia

33.8502, 33.1439, 5.8416



Tritanopia

31.8903, 33.5003, 42.8156

Trichromacy



Original Color

24.3413, 33.6102, 5.2045

Protanomaly

27.6452, 33.1711, 4.9456

Deuteranomaly

29.6852, 32.9379, 5.4092

Tritanomaly

27.1287, 32.5922, 19.0484

Monochromacy



Original Color

24.3413, 33.6102, 5.2045

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.5172, 28.3435, 13.6825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3413, 33.6102, 5.2045 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(136, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 169, 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(136, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 169, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.3413, 33.6102, 5.2045 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(136, 169, 0) }
```


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

```
.border{ border-color:rgb(136, 169, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 169, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 169,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3413, 33.6102, 5.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 169, 0) }
```

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

```
.background{ background-color: rgb(136,  
169, 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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