

Converting Colors

XYZ(14.9596, 24.0091, 3.8458)

Have a look what the booklet for
XYZ(14.9596, 24.0091, 3.8458)
contains.

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Color

**XYZ(14.9308, 23.8874,
3.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	589600
RGB	88, 150, 0
RGB Percent	35%, 59%, 0%
CMY	0.6549, 0.4118, 1.0000
CMYK	0.41, 0.00, 1.00, 0.41
HSL	85°, 100%, 29%
HSV	85°, 100%, 59%
XYZ	14.9308, 23.8874, 3.8238
YIQ	114.3620, 11.1980, -59.7940

Conversions

Conversions Part 2

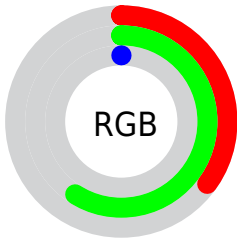
Format	Color
RYB	0, 150, 62
Decimal	5805568
CIELab	55.97, -40.45, 58.60
CIELCh	56, 71.205, 124.617
Yxy	23.8874, 0.3501, 0.5602
Android (android.graphics.Color)	4283995648 (0xFF589600)
YUV	114.3620, -56.3805, -23.1195
Hunter-Lab	48.8747, -31.0006, 29.5737

Details

The XYZ color **14.9308, 23.8874, 3.8238** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.4931, 3.2271, 29.0835**, and the grayscale version is **16.2661, 17.1132, 18.6363**.

A 20% lighter version of the original color is **34.4384, 50.0341, 13.6368**, and **4.9031, 9.0114, 1.4810** is the 20% darker color. If you saturate the color by 10%, you get **14.9308, 23.8882, 3.8239**, and if you desaturate by 10%, it is **15.6298, 24.2385, 4.3071**.

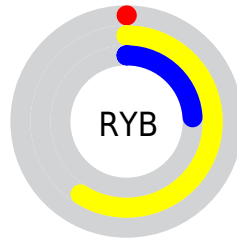
Distribution



Red (35%)

Green (59%)

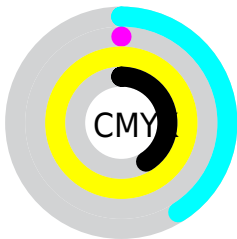
Blue (0%)



Red (0%)

Yellow (59%)

Blue (24%)

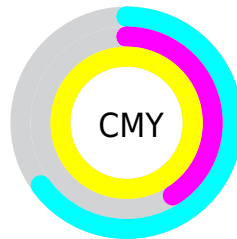


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (65%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9308, 23.8874, 3.8238 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 14.9308, 23.8874, 3.8238 by changing the saturation by 10% instead.

■ 14.9308, 23.8874,
3.8238

■ 14.9308, 23.8874,
3.8238

216.3437,
272.2507, 146.2463

■ 8.8568, 15.2501,
1.5292

■ 34.3044, 49.8464,
13.6013

■ 4.7043, 8.9951,
0.2395

■ 48.3347, 67.9369,
21.9213

■ 2.1078, 4.7380,
0.0000

■ 65.7479, 89.9472,
33.0868

■ 0.6934, 2.0944,
0.0000

■ 86.9093, 116.2619,
47.5164


■ 0.0000, 0.6615,
0.0000


■ 112.1842,
147.2651, 65.6286


■ 0.0000, 0.0000,
0.0000


■ 141.9380,


183.3414, 87.8420


 176.5360,
224.8751, 114.5750


 14.9308, 23.8874,
3.8238


 14.9308, 23.8874,
3.8238


 14.9308, 23.8882,
3.8239

 15.6298, 24.2385,
4.3071

 16.4414, 24.6398,
5.1186

 17.3964, 25.1045,
6.4127

 18.5075, 25.6378,
8.2500

 19.7856, 26.2441,
10.6819

■ 21.2403, 26.9276,
13.7541

■ 22.8805, 27.6917,
17.5076

■ 24.7142, 28.5400,
21.9802

■ 26.7491, 29.4754,
27.2068

Harmonies

Analogous

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



21.4689, 23.8874, 2.0401



14.9308, 23.8874, 3.8238



11.3065, 23.8874, 11.1507

Triad

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



14.9308, 23.8874, 3.8238



16.6406, 23.8874, 91.0530



42.1235, 23.8874, 22.5691

Complementary

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



14.9308, 23.8874, 3.8238



7.4931, 3.2271, 29.0835

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.



39.9596, 23.8874, 50.3092



14.9308, 23.8874, 3.8238



23.9861, 23.8874, 101.0264

Square

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



14.9308, 23.8874, 3.8238



12.1158, 23.8874, 60.6361



32.7937, 23.8874, 82.9936



38.1530, 23.8874, 7.9646

Rectangle

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



14.9308, 23.8874, 3.8238



10.4256, 23.8874, 22.0313



32.7937, 23.8874, 82.9936



42.0960, 23.8874, 30.4394

Sweetspot

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



14.9313, 23.8884, 3.8243



40.1940, 48.7825, 30.4636



14.1947, 9.7170, 1.1278



8.6569, 10.6943, 6.1677



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.9313, 23.8884, 3.8243



26.1459, 42.0510, 6.7386



11.1041, 21.9154, 3.6452



6.0360, 6.6264, 6.2014



12.4197, 19.8305, 3.1731



0.1856, 0.2600, 0.0404

Inverse Universe

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



7.4931, 3.2271, 29.0835



13.0331, 5.5965, 51.3146



15.4978, 7.3536, 29.4581



5.7130, 5.7430, 7.2771



6.2487, 2.6939, 24.1217



0.1087, 0.0496, 0.2967

Previews

White Background



This preview shows how the XYZ color 14.9308, 23.8874, 3.8238 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 14.9308, 23.8874, 3.8238 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 14.9308, 23.8874, 3.8238

Background



This preview shows how black text looks on a background with the XYZ color 14.9308, 23.8874, 3.8238.



This preview shows how white text looks on a background with the XYZ color 14.9308, 23.8874,

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

14.9308, 23.8874, 3.8238

Protanopia

21.2876, 23.6295, 3.4390

Deuteranopia

23.9722, 23.5973, 4.5196



Tritanopia

20.6442, 23.7029, 32.7652

Trichromacy



Original Color

14.9308, 23.8874, 3.8238

Protanomaly

18.2802, 23.3454, 3.5426

Deuteranomaly

19.4290, 22.8639, 4.0053

Tritanomaly

17.0794, 23.1421, 14.6330

Monochromacy



Original Color

14.9308, 23.8874, 3.8238

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.6177, 18.6630, 9.1352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9308, 23.8874, 3.8238 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(88, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(88, 150, 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(88, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9308, 23.8874, 3.8238 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(88, 150, 0) }
```


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

```
.border{ border-color:rgb(88, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(88, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(88, 150, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.9308, 23.8874, 3.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 150, 0) }
```

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

```
.background{ background-color: rgb(88, 150,  
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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