

Converting Colors

$Yxy(23.8216, 0.3713, 0.5737)$

Have a look what the booklet for
 $Y_{xy}(23.8216, 0.3713, 0.5737)$
contains.

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Color

Yxy(24.0916, 0.3612, 0.5514)

Conversions

Conversions Part 1

Format	Color
Hex	629500
RGB	98, 149, 0
RGB Percent	38%, 58%, 0%
CMY	0.6158, 0.4156, 0.9999
CMYK	0.34, 0.00, 1.00, 0.42
HSL	81°, 100%, 29%
HSV	81°, 100%, 58%
XYZ	15.7814, 24.0916, 3.8187
YIQ	116.7650, 17.4330, -57.1510

Conversions

Conversions Part 2

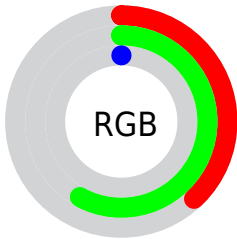
Format	Color
RYB	0, 149, 51
Decimal	6460672
CIELab	56.18, -36.30, 58.98
CIELCh	56, 69.259, 121.613
Yxy	24.0916, 0.3612, 0.5514
Android (android.graphics.Color)	4284650752 (0xFF629500)
YUV	116.7650, -57.5651, -16.4569
Hunter-Lab	49.0832, -28.5035, 29.7455

Details

The Yxy color **24.0916, 0.3612, 0.5514** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.8764, 0.1774, 0.0751**, and the grayscale version is **17.8890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9264, 0.3593, 0.5039**, and **9.2490, 0.3328, 0.5739** is the 20% darker color. If you saturate the color by 10%, you get **24.0922, 0.3612, 0.5514**, and if you desaturate by 10%, it is **24.4199, 0.3640, 0.5408**.

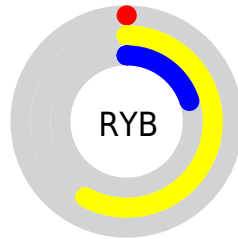
Distribution



Red (38%)

Green (58%)

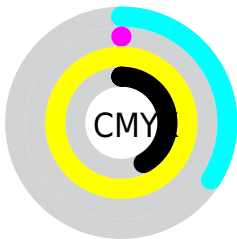
Blue (0%)



Red (0%)

Yellow (58%)

Blue (20%)

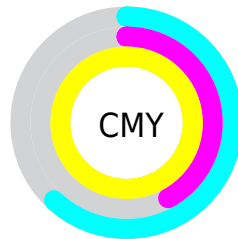


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (62%)


Magenta (42%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0916, 0.3612, 0.5514 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 Yxy color 24.0916, 0.3612, 0.5514 by changing the saturation by 10% instead.


 24.0916, 0.3612,
0.5514


 24.0916, 0.3612,
0.5514


 273.2833, 0.3454,
0.4265


 15.4016, 0.3585,
0.5837


 50.1796, 0.3594,
0.5041

 9.1017, 0.3533,
0.6303


 68.3464, 0.3574,
0.4867

 4.8076, 0.3276,
0.6724

 90.4410, 0.3551,
0.4722

 2.1348, 0.2766,
0.7234

 116.8476, 0.3529,
0.4601

 0.6841, 0.0000,
1.0000


 147.9508, 0.3509,
0.4497


 0.0000, 0.0000,
0.0000

 184.1348, 0.3489,


0.4409


 225.7842, 0.3471,
0.4332


 24.0916, 0.3612,
0.5514


 24.0916, 0.3612,
0.5514


 24.0922, 0.3612,
0.5514

 24.4199, 0.3640,
0.5408

 24.7899, 0.3651,
0.5266

 25.2146, 0.3638,
0.5079

 25.6989, 0.3603,
0.4853

 26.2468, 0.3547,
0.4600

■ 26.8620, 0.3477,
0.4331

■ 27.5480, 0.3395,
0.4058

■ 28.3078, 0.3307,
0.3789

■ 29.1443, 0.3217,
0.3532

Harmonies

Analogous

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



24.0916, 0.4600, 0.4931



24.0916, 0.3612, 0.5514



24.0916, 0.2565, 0.5189

Triad

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



24.0916, 0.3612, 0.5514



24.0916, 0.1287, 0.1894



24.0916, 0.4600, 0.2649

Complementary

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



24.0916, 0.3612, 0.5514



2.8764, 0.1774, 0.0751

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.



24.0916, 0.3367, 0.2072



24.0916, 0.3612, 0.5514



24.0916, 0.1595, 0.1647

Square

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



24.0916, 0.3612, 0.5514



24.0916, 0.1313, 0.2596



24.0916, 0.2278, 0.1721



24.0916, 0.5357, 0.3348

Rectangle

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



24.0916, 0.3612, 0.5514



24.0916, 0.1963, 0.4357



24.0916, 0.2278, 0.1721



24.0916, 0.4209, 0.2437

Sweetspot

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



24.0927, 0.3612, 0.5514



49.2473, 0.3401, 0.4075



8.6449, 0.5848, 0.3738



10.8077, 0.3432, 0.4179



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.0927, 0.3612, 0.5514



43.0372, 0.3601, 0.5523



21.7030, 0.3058, 0.5954



6.6462, 0.3210, 0.3512



20.2908, 0.3616, 0.5511



0.2647, 0.3892, 0.5292

Inverse Universe

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



2.8764, 0.1774, 0.0751



5.0584, 0.1755, 0.0740



6.4691, 0.2798, 0.1315



5.7238, 0.3039, 0.3065



2.4349, 0.1780, 0.0754



0.0449, 0.2260, 0.1019

Previews

White Background



This preview shows how the Yxy color 24.0916, 0.3612, 0.5514 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 Yxy color 24.0916, 0.3612, 0.5514 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](#).

Yxy 24.0916, 0.3612, 0.5514

Background



This preview shows how black text looks on a background with the Yxy color 24.0916, 0.3612, 0.5514.



This preview shows how white text looks on a background with the Yxy color 24.0916, 0.3612, 0.5514.

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

24.0916, 0.3612, 0.5514

Protanopia

23.9073, 0.4389, 0.4897

Deuteranopia

23.7025, 0.4619, 0.4529



Tritanopia

23.8897, 0.2757, 0.3077

Trichromacy



Original Color

24.0916, 0.3612, 0.5514

Protanomaly

23.6617, 0.4096, 0.5130

Deuteranomaly

23.2113, 0.4249, 0.4907

Tritanomaly

23.3604, 0.3219, 0.4196

Monochromacy



Original Color

24.0916, 0.3612, 0.5514

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

19.5099, 0.3491, 0.4389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0916, 0.3612, 0.5514 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(98, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 149, 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(98, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 149, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.0916, 0.3612, 0.5514 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(98, 149, 0) }
```

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

```
.border{ border-color:rgb(98, 149, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 149, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 149, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.0916, 0.3612, 0.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 149, 0) }
```

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

```
.background{ background-color: rgb(98, 149,  
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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