

Converting Colors

$Y_{xy}(22.2519, 0.3657, 0.5636)$

Have a look what the booklet for
Yxy(22.2519, 0.3657, 0.5636)
contains.

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Color

Yxy(22.3262, 0.3606, 0.5519)

Conversions

Conversions Part 1

Format	Color
Hex	5E9000
RGB	94, 144, 0
RGB Percent	37%, 56%, 0%
CMY	0.6315, 0.4353, 1.0000
CMYK	0.35, 0.00, 1.00, 0.44
HSL	81°, 100%, 28%
HSV	81°, 100%, 56%
XYZ	14.5875, 22.3262, 3.5397
YIQ	112.6340, 16.4240, -55.3840

Conversions

Conversions Part 2

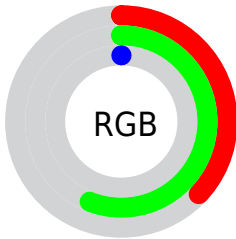
Format	Color
RYB	0, 144, 50
Decimal	6197248
CIELab	54.37, -35.62, 57.50
CIELCh	54, 67.640, 121.780
Yxy	22.3262, 0.3606, 0.5519
Android (android.graphics.Color)	4284387328 (0xFF5E9000)
YUV	112.6340, -55.5286, -16.3420
Hunter-Lab	47.2506, -27.5810, 28.6339

Details

The Yxy color **22.3262, 0.3606, 0.5519** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6927, 0.1783, 0.0756**, and the grayscale version is **16.5624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2074, 0.3587, 0.5031**, and **8.2798, 0.3323, 0.5744** is the 20% darker color. If you saturate the color by 10%, you get **22.3272, 0.3606, 0.5519**, and if you desaturate by 10%, it is **22.6331, 0.3634, 0.5411**.

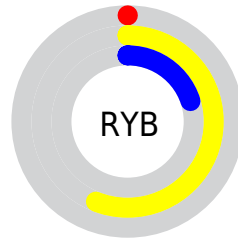
Distribution



Red (37%)

Green (56%)

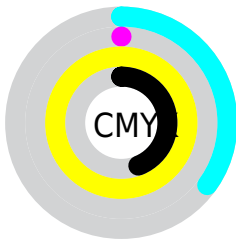
Blue (0%)



Red (0%)

Yellow (56%)

Blue (20%)

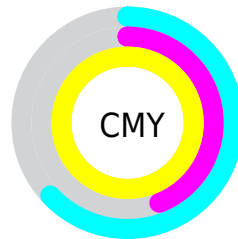


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3262, 0.3606, 0.5519 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 22.3262, 0.3606, 0.5519 by changing the saturation by 10% instead.

■ 22.3262, 0.3606,
0.5519

■ 22.3262, 0.3606,
0.5519

■ 264.2451, 0.3448,
0.4252

■ 14.0968, 0.3576,
0.5852

■ 47.2845, 0.3589,
0.5034

■ 8.1880, 0.3536,
0.6368

■ 64.7823, 0.3568,
0.4858

■ 4.2155, 0.3234,
0.6766

■ 86.1382, 0.3545,
0.4711

■ 1.7948, 0.2636,
0.7364

■ 111.7368, 0.3523,
0.4589


■ 0.4839, 0.0000,
1.0000


■ 141.9623, 0.3502,
0.4485

■ 0.0000, 0.0000,
0.0000

■ 177.1993, 0.3483,


0.4396

 217.8321, 0.3465,
0.4319


 22.3262, 0.3606,
0.5519


 22.3262, 0.3606,
0.5519


 22.3272, 0.3606,
0.5519

 22.6331, 0.3634,
0.5411

 22.9785, 0.3645,
0.5267

 23.3750, 0.3632,
0.5078

 23.8269, 0.3597,
0.4852

 24.3381, 0.3543,
0.4598

■ 24.9119, 0.3473,
0.4330

■ 25.5515, 0.3392,
0.4057

■ 26.2598, 0.3306,
0.3788

■ 27.0393, 0.3216,
0.3531

Harmonies

Analogous

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



22.3262, 0.4596, 0.4937



22.3262, 0.3606, 0.5519



22.3262, 0.2558, 0.5187

Triad

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



22.3262, 0.3606, 0.5519



22.3262, 0.1286, 0.1890



22.3262, 0.4609, 0.2652

Complementary

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



22.3262, 0.3606, 0.5519



2.6927, 0.1783, 0.0756

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.



22.3262, 0.3374, 0.2073



22.3262, 0.3606, 0.5519



22.3262, 0.1595, 0.1644

Square

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



22.3262, 0.3606, 0.5519



22.3262, 0.1310, 0.2589



22.3262, 0.2282, 0.1720



22.3262, 0.5362, 0.3352

Rectangle

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



22.3262, 0.3606, 0.5519



22.3262, 0.1957, 0.4351



22.3262, 0.2282, 0.1720



22.3262, 0.4217, 0.2439

Sweetspot

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



22.3272, 0.3606, 0.5519



44.9891, 0.3397, 0.4073



8.0441, 0.5843, 0.3742



10.2167, 0.3429, 0.4176



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.3272, 0.3606, 0.5519



39.2806, 0.3595, 0.5528



20.1430, 0.3059, 0.5953



6.1929, 0.3209, 0.3511



19.4541, 0.3609, 0.5516



0.1983, 0.3887, 0.5296

Inverse Universe

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



2.6927, 0.1783, 0.0756



4.6642, 0.1764, 0.0746



6.0074, 0.2799, 0.1316



5.3404, 0.3040, 0.3066



2.3567, 0.1789, 0.0759



0.0339, 0.2269, 0.1024

Previews

White Background



This preview shows how the Yxy color 22.3262, 0.3606, 0.5519 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 22.3262, 0.3606, 0.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

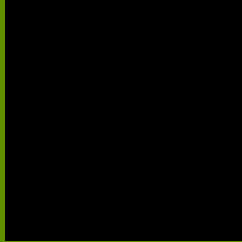
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3262, 0.3606, 0.5519

Background



This preview shows how black text looks on a background with the Yxy color 22.3262, 0.3606, 0.5519.



This preview shows how white text looks on a background with the Yxy color 22.3262, 0.3606, 0.5519.

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

22.3262, 0.3606, 0.5519

Protanopia

22.0763, 0.4396, 0.4892

Deuteranopia

22.0363, 0.4608, 0.4534



Tritanopia

22.3457, 0.2757, 0.3089

Trichromacy



Original Color

22.3262, 0.3606, 0.5519

Protanomaly

21.8400, 0.4093, 0.5132

Deuteranomaly

21.6795, 0.4236, 0.4910

Tritanomaly

21.8927, 0.3212, 0.4203

Monochromacy



Original Color

22.3262, 0.3606, 0.5519

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.9474, 0.3484, 0.4366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3262, 0.3606, 0.5519 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(94, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 144, 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(94, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 144, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.3262, 0.3606, 0.5519 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(94, 144, 0) }
```

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

```
.border{ border-color:rgb(94, 144, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 144, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 144, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 22.3262, 0.3606, 0.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 144, 0) }
```

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

```
.background{ background-color: rgb(94, 144,  
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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