

Converting Colors

$Yxy(24.1825, 0.3038, 0.5356)$

Have a look what the booklet for
Yxy(24.1825, 0.3038, 0.5356)
contains.

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Color

Yxy(24.1434, 0.3042, 0.5362)

Conversions

Conversions Part 1

Format	Color
Hex	369A34
RGB	54, 154, 52
RGB Percent	21%, 60%, 20%
CMY	0.7882, 0.3961, 0.7961
CMYK	0.65, 0.00, 0.66, 0.40
HSL	119°, 50%, 40%
HSV	119°, 66%, 60%
XYZ	13.6972, 24.1434, 7.1863
YIQ	112.4720, -26.8580, -52.9220

Conversions

Conversions Part 2

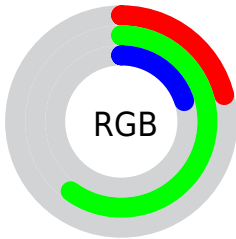
Format	Color
RYB	52, 154, 152
Decimal	3578420
CIELab	56.23, -49.20, 43.71
CIELCh	56, 65.813, 138.381
Yxy	24.1434, 0.3042, 0.5362
Android (android.graphics.Color)	4281768500 (0xFF369A34)
YUV	112.4720, -29.8127, -51.2799
Hunter-Lab	49.1359, -36.2291, 25.7238

Details

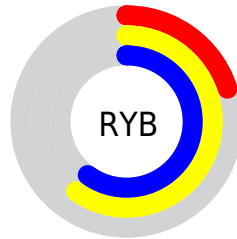
The Yxy color **24.1434, 0.3042, 0.5362** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11.4628, 0.3166, 0.1814**, and the grayscale version is **16.4462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0909, 0.3114, 0.4865**, and **9.5027, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **23.6726, 0.3027, 0.5636**, and if you desaturate by 10%, it is **24.7911, 0.3058, 0.5039**.

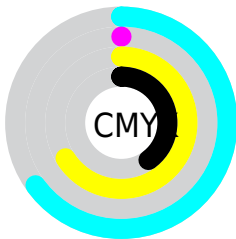
Distribution



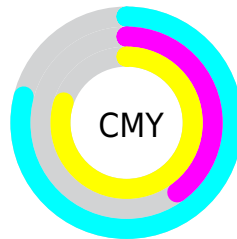
- Red (21%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (60%)



- Cyan (65%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)



- Cyan (79%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1434, 0.3042, 0.5362 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 24.1434, 0.3042, 0.5362 by changing the saturation by 10% instead.


 24.1434, 0.3042,
0.5362


 24.1434, 0.3042,
0.5362


273.5447, 0.3159,
0.4136


 15.4400, 0.2967,
0.5734


 50.2641, 0.3112,
0.4867


 9.1288, 0.2831,
0.6242


 68.4502, 0.3129,
0.4696


 4.8253, 0.2655,
0.7188

 90.5661, 0.3140,
0.4558

 2.1451, 0.1911,
0.8089

 116.9960, 0.3147,
0.4444

 0.6898, 0.0000,
1.0000

 148.1244, 0.3152,
0.4348

 0.0000, 0.0000,
0.0000

 184.3358, 0.3155,

0.4267

226.0144, 0.3157,
0.4197

■ 24.1434, 0.3042,
0.5362

■ 24.1434, 0.3042,
0.5362

■ 23.6726, 0.3027,
0.5636

■ 24.7911, 0.3058,
0.5039

■ 23.3587, 0.3015,
0.5837

■ 25.6276, 0.3073,
0.4692

■ 23.1809, 0.3007,
0.5959

■ 26.6671, 0.3088,
0.4345

■ 23.1315, 0.3005,
0.5996

■ 27.9217, 0.3101,
0.4015

■ 29.4025, 0.3112,
0.3713

■ 31.1200, 0.3122,
0.3442

■ 33.0839, 0.3130,
0.3204

■ 35.3032, 0.3137,
0.2998

■ 37.7868, 0.3142,
0.2819

Harmonies

Analogous

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



24.1434, 0.4051, 0.5242



24.1434, 0.3042, 0.5362



24.1434, 0.2105, 0.4443

Triad

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



24.1434, 0.3042, 0.5362



24.1434, 0.1479, 0.1773



24.1434, 0.5022, 0.3053

Complementary

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



24.1434, 0.3042, 0.5362



11.4628, 0.3166, 0.1814

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.



24.1434, 0.4031, 0.2412



24.1434, 0.3042, 0.5362



24.1434, 0.1975, 0.1713

Square

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



24.1434, 0.3042, 0.5362



24.1434, 0.1324, 0.2193



24.1434, 0.2860, 0.1938



24.1434, 0.5318, 0.3773

Rectangle

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



24.1434, 0.3042, 0.5362



24.1434, 0.1661, 0.3533



24.1434, 0.2860, 0.1938



24.1434, 0.4751, 0.2828

Sweetspot

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



24.1444, 0.3042, 0.5362



52.2391, 0.3108, 0.3835



29.1234, 0.4048, 0.4726



11.6658, 0.3105, 0.3915



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.1444, 0.3042, 0.5362



42.7209, 0.3022, 0.5733



24.7542, 0.2727, 0.4425



6.9311, 0.3119, 0.3519



18.8472, 0.3006, 0.5995



0.2831, 0.3035, 0.5972

Inverse Universe

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



11.4628, 0.3166, 0.1814



17.9629, 0.3166, 0.1634



10.3749, 0.4052, 0.2447



6.3174, 0.3134, 0.3070



7.2596, 0.3161, 0.1515



0.1102, 0.3184, 0.1528

Previews

White Background



This preview shows how the Yxy color 24.1434, 0.3042, 0.5362 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 24.1434, 0.3042, 0.5362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

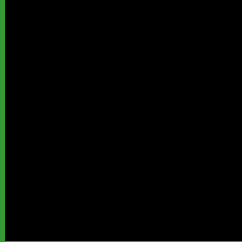
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1434, 0.3042, 0.5362

Background



This preview shows how black text looks on a background with the Yxy color 24.1434, 0.3042, 0.5362.



This preview shows how white text looks on a background with the Yxy color 24.1434, 0.3042, 0.5362.

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

24.1434, 0.3042, 0.5362

Protanopia

23.7395, 0.4198, 0.4611

Deuteranopia

23.6227, 0.4354, 0.4258



Tritanopia

24.0523, 0.2459, 0.3067

Trichromacy



Original Color

24.1434, 0.3042, 0.5362



Protanomaly

22.9163, 0.3689, 0.4929



Deuteranomaly

22.5568, 0.3775, 0.4687



Tritanomaly

23.8274, 0.2691, 0.3896

Monochromacy



Original Color

24.1434, 0.3042, 0.5362



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.1411, 0.3101, 0.4091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1434, 0.3042, 0.5362 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(54, 154, 52)` looks like.

```
.text, #text, p{  
    color:rgb(54, 154, 52)  
}
```

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(54, 154, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 154, 52) }
```

Border

The CSS property to change the border of an element to Yxy 24.1434, 0.3042, 0.5362 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(54, 154, 52) }
```

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

```
.border{ border-color:rgb(54, 154, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 154, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 154, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 154, 52);  
box-shadow:4px 4px 4px 4px rgb(54, 154,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1434, 0.3042, 0.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 154, 52) }
```

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

```
.background{ background-color: rgb(54, 154,  
52) }
```

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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