

Converting Colors

$Yxy(24.0264, 0.2906, 0.5359)$

Have a look what the booklet for
Yxy(24.0264, 0.2906, 0.5359)
contains.

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Color

$\text{Yxy}(24.0452, 0.2906, 0.5352)$

Conversions

Conversions Part 1

Format	Color
Hex	209B39
RGB	32, 155, 57
RGB Percent	13%, 61%, 22%
CMY	0.8745, 0.3921, 0.7764
CMYK	0.79, 0.00, 0.63, 0.39
HSL	132°, 66%, 37%
HSV	132°, 79%, 61%
XYZ	13.0559, 24.0452, 7.8264
YIQ	107.0510, -41.8500, -56.5540

Conversions

Conversions Part 2

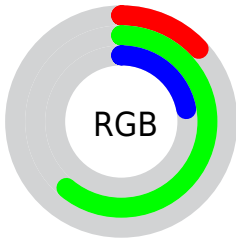
Format	Color
R_{YB}	32, 134, 155
Decimal	2136889
CIE _{Lab}	56.13, -52.93, 41.21
CIE _{LCh}	56, 67.084, 142.098
Yxy	24.0452, 0.2906, 0.5352
Android (android.graphics.Color)	4280326969 (0xFF209B39)
YUV	107.0510, -24.6751, -65.8197
Hunter-Lab	49.0359, -38.2868, 24.8622

Details

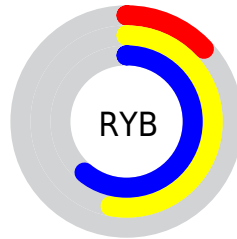
The Yxy color **24.0452, 0.2906, 0.5352** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9.6132, 0.3635, 0.1935**, and the grayscale version is **14.7975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3239, 0.3003, 0.4851**, and **9.5049, 0.2997, 0.5988** is the 20% darker color. If you saturate the color by 10%, you get **23.7451, 0.2918, 0.5582**, and if you desaturate by 10%, it is **24.4941, 0.2907, 0.5084**.

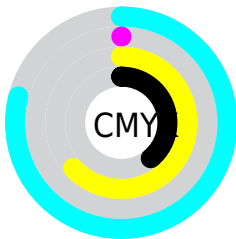
Distribution



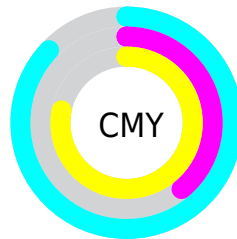
- Red (13%)
- Green (61%)
- Blue (22%)



- Red (13%)
- Yellow (53%)
- Blue (61%)



- Cyan (79%)
- Magenta (0%)
- Yellow (63%)
- Black (39%)




- Cyan (87%)
- Magenta (39%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0452, 0.2906, 0.5352 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 24.0452, 0.2906, 0.5352 by changing the saturation by 10% instead.


 24.0452, 0.2906,
0.5352


 24.0452, 0.2906,
0.5352


273.0489, 0.3094,
0.4123


 15.3672, 0.2814,
0.5732


 50.1040, 0.3002,
0.4852

 9.0775, 0.2658,
0.6260


 68.2534, 0.3029,
0.4681


 4.7917, 0.2425,
0.7173

 90.3289, 0.3048,
0.4542

 2.1256, 0.1602,
0.8398

 116.7146, 0.3063,
0.4428

 0.6790, 0.0000,
1.0000

 147.7951, 0.3074,
0.4333

 0.0000, 0.0000,
0.0000

 183.9547, 0.3082,

0.4253

225.5779, 0.3089,
0.4183

■ 24.0452, 0.2906,
0.5352

■ 24.0452, 0.2906,
0.5352

■ 23.7451, 0.2918,
0.5582

■ 24.4941, 0.2907,
0.5084

■ 23.5560, 0.2937,
0.5765

■ 25.1052, 0.2919,
0.4795

■ 23.5452, 0.2938,
0.5775

■ 25.8938, 0.2942,
0.4501

■ 26.8725, 0.2973,
0.4214

■ 28.0528, 0.3010,
0.3944

■ 29.4453, 0.3049,
0.3697

■ 31.0597, 0.3090,
0.3475

■ 32.9053, 0.3130,
0.3278

■ 34.9908, 0.3169,
0.3105

Harmonies

Analogous

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



24.0452, 0.3935, 0.5337



24.0452, 0.2906, 0.5352



24.0452, 0.1986, 0.4299

Triad

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



24.0452, 0.2906, 0.5352



24.0452, 0.1497, 0.1724



24.0452, 0.5142, 0.3131

Complementary

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



24.0452, 0.2906, 0.5352



9.6132, 0.3635, 0.1935

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.



24.0452, 0.4197, 0.2470



24.0452, 0.2906, 0.5352



24.0452, 0.2045, 0.1702

Square

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



24.0452, 0.2906, 0.5352



24.0452, 0.1299, 0.2094



24.0452, 0.2991, 0.1964



24.0452, 0.5337, 0.3865

Rectangle

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



24.0452, 0.2906, 0.5352



24.0452, 0.1573, 0.3369



24.0452, 0.2991, 0.1964



24.0452, 0.4896, 0.2901

Sweetspot

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



24.0462, 0.2906, 0.5352



51.4077, 0.3029, 0.3821



28.3255, 0.3843, 0.5123



11.4530, 0.3016, 0.3904



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.



24.0462, 0.2906, 0.5352



42.2702, 0.2934, 0.5723



25.0610, 0.2522, 0.4052



6.9451, 0.3090, 0.3472



18.9157, 0.2934, 0.5763



0.2872, 0.2748, 0.5093

Inverse Universe

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



9.6132, 0.3635, 0.1935



15.3259, 0.3768, 0.1870



8.4304, 0.5038, 0.2812



6.3021, 0.3167, 0.3114



6.7609, 0.3787, 0.1860



0.1059, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 24.0452, 0.2906, 0.5352 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 24.0452, 0.2906, 0.5352 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 24.0452, 0.2906, 0.5352

Background



This preview shows how black text looks on a background with the Yxy color 24.0452, 0.2906, 0.5352.



This preview shows how white text looks on a background with the Yxy color 24.0452, 0.2906, 0.5352.

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

24.0452, 0.2906, 0.5352

Protanopia

23.6788, 0.4157, 0.4574

Deuteranopia

23.5597, 0.4304, 0.4215



Tritanopia

23.9141, 0.2383, 0.3064

Trichromacy



Original Color

24.0452, 0.2906, 0.5352



Protanomaly

22.6672, 0.3549, 0.4948



Deuteranomaly

22.0210, 0.3643, 0.4678



Tritanomaly

23.6876, 0.2574, 0.3865

Monochromacy



Original Color

24.0452, 0.2906, 0.5352



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

16.8420, 0.2989, 0.4086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0452, 0.2906, 0.5352 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(32, 155, 57)` looks like.

```
.text, #text, p{  
    color:rgb(32, 155, 57)  
}
```

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(32, 155, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 155, 57) }
```

Border

The CSS property to change the border of an element to Yxy 24.0452, 0.2906, 0.5352 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(32, 155, 57) }
```

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

```
.border{ border-color:rgb(32, 155, 57) }
```

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

Here you see how a box with a 4 pixel rgb(32, 155, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 155, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 155, 57);  
box-shadow:4px 4px 4px 4px rgb(32, 155,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0452, 0.2906, 0.5352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 155, 57) }
```

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

```
.background{ background-color: rgb(32, 155,  
57) }
```

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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