

Converting Colors

$Yxy(23.4062, 0.2860, 0.5456)$

Have a look what the booklet for
Yxy(23.4062, 0.2860, 0.5456)
contains.

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Color

Yxy(23.4070, 0.2860, 0.5454)

Conversions

Conversions Part 1

Format	Color
Hex	069A35
RGB	6, 154, 53
RGB Percent	2%, 60%, 21%
CMY	0.9758, 0.3961, 0.7923
CMYK	0.96, 0.00, 0.66, 0.40
HSL	139°, 92%, 31%
HSV	139°, 96%, 60%
XYZ	12.2743, 23.4070, 7.2358
YIQ	98.2340, -55.7870, -62.7870

Conversions

Conversions Part 2

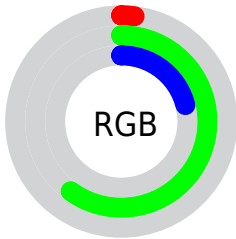
Format	Color
R_{YB}	6, 118, 154
Decimal	432693
CIE _{Lab}	55.49, -55.41, 42.25
CIE _{LCh}	55, 69.681, 142.678
Yxy	23.4070, 0.2860, 0.5454
Android (android.graphics.Color)	4278622773 (0xFF069A35)
YUV	98.2340, -22.3004, -80.8892
Hunter-Lab	48.3808, -39.3806, 24.9991

Details

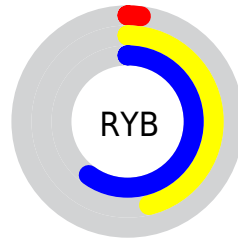
The Yxy color **23.4070, 0.2860, 0.5454** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.0694, 0.4138, 0.2080**, and the grayscale version is **12.3547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2165, 0.2969, 0.4926**, and **9.3074, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **23.3311, 0.2870, 0.5531**, and if you desaturate by 10%, it is **23.6415, 0.2836, 0.5243**.

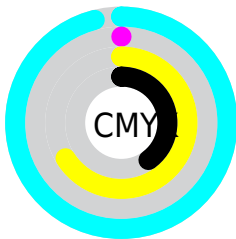
Distribution



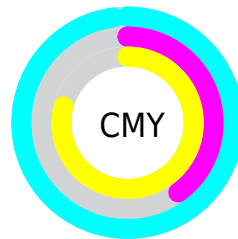
- Red (2%)
- Green (60%)
- Blue (21%)



- Red (2%)
- Yellow (46%)
- Blue (60%)



- Cyan (96%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)





- Cyan (98%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4070, 0.2860, 0.5454 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 23.4070, 0.2860, 0.5454 by changing the saturation by 10% instead.


 23.4070, 0.2860,
0.5454


 23.4070, 0.2860,
0.5454


269.8086, 0.3081,
0.4157


 14.8943, 0.2755,
0.5857


 49.0608, 0.2972,
0.4924


 8.7453, 0.2577,
0.6417


 66.9706, 0.3003,
0.4743


 4.5754, 0.2334,
0.7472

 88.7817, 0.3026,
0.4597

 2.0004, 0.1217,
0.8783

 114.8783, 0.3042,
0.4477

 0.6077, 0.0000,
1.0000

 145.6449, 0.3056,
0.4377

 0.0000, 0.0000,
0.0000

 181.4659, 0.3066,

0.4292

222.7257, 0.3074,
0.4220

■ 23.4070, 0.2860,
0.5454

■ 23.4070, 0.2860,
0.5454

■ 23.3311, 0.2870,
0.5531

■ 23.6415, 0.2836,
0.5243

■ 23.9987, 0.2827,
0.5005

■ 24.4998, 0.2833,
0.4751

■ 25.1593, 0.2855,
0.4492

■ 25.9900, 0.2890,
0.4239

■ 27.0032, 0.2933,
0.3998

■ 28.2093, 0.2984,
0.3775

■ 29.6179, 0.3038,
0.3572

■ 31.2379, 0.3094,
0.3389

Harmonies

Analogous

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



23.4070, 0.3924, 0.5429



23.4070, 0.2860, 0.5454



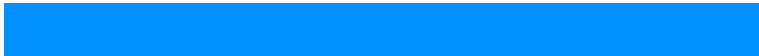
23.4070, 0.1918, 0.4322

Triad

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



23.4070, 0.2860, 0.5454



23.4070, 0.1449, 0.1664



23.4070, 0.5246, 0.3126

Complementary

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



23.4070, 0.2860, 0.5454



8.0694, 0.4138, 0.2080

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.



23.4070, 0.4269, 0.2448



23.4070, 0.2860, 0.5454



23.4070, 0.2016, 0.1651

Square

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



23.4070, 0.2860, 0.5454



23.4070, 0.1239, 0.2030



23.4070, 0.3004, 0.1924



23.4070, 0.5419, 0.3877

Rectangle

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



23.4070, 0.2860, 0.5454



23.4070, 0.1502, 0.3337



23.4070, 0.3004, 0.1924



23.4070, 0.4995, 0.2890

Sweetspot

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



23.4080, 0.2860, 0.5454



50.4176, 0.2965, 0.3852



26.4174, 0.3690, 0.5422



11.2158, 0.2945, 0.3942



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.



23.4080, 0.2860, 0.5454



42.3512, 0.2879, 0.5565



24.6174, 0.2425, 0.3903



6.9562, 0.3076, 0.3446



19.0143, 0.2866, 0.5517



0.2903, 0.2641, 0.4709

Inverse Universe

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



8.0694, 0.4138, 0.2080



14.3052, 0.4216, 0.2096



7.1296, 0.5924, 0.3081



6.2903, 0.3183, 0.3139



6.4388, 0.4183, 0.2078



0.1028, 0.3674, 0.1797

Previews

White Background



This preview shows how the Yxy color 23.4070, 0.2860, 0.5454 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 23.4070, 0.2860, 0.5454 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 23.4070, 0.2860, 0.5454

Background



This preview shows how black text looks on a background with the Yxy color 23.4070, 0.2860, 0.5454.



This preview shows how white text looks on a background with the Yxy color 23.4070, 0.2860, 0.5454.

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

23.4070, 0.2860, 0.5454

Protanopia

23.0037, 0.4195, 0.4600

Deuteranopia

23.0560, 0.4319, 0.4249



Tritanopia

23.3710, 0.2352, 0.3061

Trichromacy



Original Color

23.4070, 0.2860, 0.5454



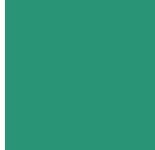
Protanomaly

21.4647, 0.3473, 0.5051



Deuteranomaly

20.9883, 0.3540, 0.4781



Tritanomaly

23.0040, 0.2522, 0.3900

Monochromacy



Original Color

23.4070, 0.2860, 0.5454



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

14.6899, 0.2896, 0.4179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4070, 0.2860, 0.5454 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(6, 154, 53)` looks like.

```
.text, #text, p{  
    color:rgb(6, 154, 53)  
}
```

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(6, 154, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 154, 53) }
```

Border

The CSS property to change the border of an element to Yxy 23.4070, 0.2860, 0.5454 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(6, 154, 53) }
```

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

```
.border{ border-color:rgb(6, 154, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 154, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 154, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 154, 53);  
box-shadow:4px 4px 4px 4px rgb(6, 154, 53)  
}
```


Background

The CSS property to change the background color of an element to Yxy 23.4070, 0.2860, 0.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 154, 53) }
```

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

```
.background{ background-color: rgb(6, 154,  
53) }
```

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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