

Converting Colors

$Yxy(35.1241, 0.2941, 0.4863)$

Have a look what the booklet for
Yxy(35.1241, 0.2941, 0.4863)
contains.

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Color

Yxy(35.2763, 0.2940, 0.4875)

Conversions

Conversions Part 1

Format	Color
Hex	4AB55C
RGB	74, 181, 92
RGB Percent	29%, 71%, 36%
CMY	0.7101, 0.2901, 0.6392
CMYK	0.59, 0.00, 0.49, 0.29
HSL	130°, 42%, 50%
HSV	130°, 59%, 71%
XYZ	21.2743, 35.2763, 15.8110
YIQ	138.8610, -35.2030, -50.3630

Conversions

Conversions Part 2

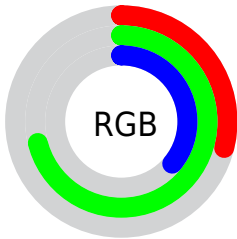
Format	Color
RYB	74, 166, 181
Decimal	4896092
CIELab	65.96, -49.71, 36.19
CIELCh	66, 61.488, 143.941
Yxy	35.2763, 0.2940, 0.4875
Android (android.graphics.Color)	4283086172 (0xFF4AB55C)
YUV	138.8610, -23.1025, -56.8831
Hunter-Lab	59.3939, -40.0022, 25.7923

Details

The Yxy color **35.2763, 0.2940, 0.4875** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **17.3530, 0.3430, 0.2118**, and the grayscale version is **25.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0682, 0.3002, 0.4528**, and **15.3532, 0.2845, 0.5444** is the 20% darker color. If you saturate the color by 10%, you get **34.4232, 0.2928, 0.5174**, and if you desaturate by 10%, it is **36.3912, 0.2961, 0.4567**.

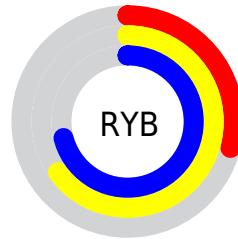
Distribution



Red (29%)

Green (71%)

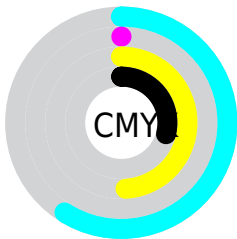
Blue (36%)



Red (29%)

Yellow (65%)

Blue (71%)

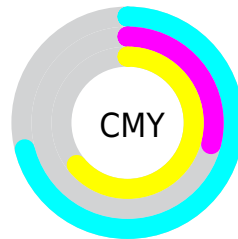


Cyan (59%)

Magenta (0%)

Yellow (49%)

Black (29%)



Cyan (71%)

Magenta (29%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2763, 0.2940, 0.4875 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 35.2763, 0.2940, 0.4875 by changing the saturation by 10% instead.


 35.2763, 0.2940,
0.4875


 35.2763, 0.2940,
0.4875


325.7862, 0.3077,
0.3986

 23.8758, 0.2887,
0.5129


 67.9136, 0.3003,
0.4528

 15.2415, 0.2804,
0.5473


 89.9191, 0.3022,
0.4405

 8.9891, 0.2668,
0.5959


 116.2285, 0.3037,
0.4304

 4.7340, 0.2434,
0.6716

 147.2261, 0.3048,
0.4220

 2.0921, 0.1822,
0.8178

 183.2962, 0.3058,
0.4148

 0.6602, 0.0000,
1.0000

224.8234, 0.3065,

 0.0000, 0.0000,

0.4086

0.0000

272.1919, 0.3071,
0.4033

■ 35.2763, 0.2940,
0.4875

■ 35.2763, 0.2940,
0.4875

■ 34.4232, 0.2928,
0.5174

■ 36.3912, 0.2961,
0.4567

■ 33.8061, 0.2928,
0.5444

■ 37.7824, 0.2989,
0.4264

■ 33.4015, 0.2939,
0.5668

■ 39.4686, 0.3023,
0.3978

■ 33.1658, 0.2956,
0.5835

■ 41.4656, 0.3058,
0.3717

■ 33.1494, 0.2957,
0.5847

■ 43.7881, 0.3094,
0.3482

■ 46.4497, 0.3130,
0.3274

■ 49.4633, 0.3165,
0.3092

■ 52.8413, 0.3197,
0.2934

■ 56.5952, 0.3228,
0.2797

Harmonies

Analogous

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



35.2763, 0.3813, 0.4998



35.2763, 0.2940, 0.4875



35.2763, 0.2164, 0.4027

Triad

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



35.2763, 0.2940, 0.4875



35.2763, 0.1762, 0.1960



35.2763, 0.4793, 0.3238

Complementary

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



35.2763, 0.2940, 0.4875



17.3530, 0.3430, 0.2118

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.



35.2763, 0.4059, 0.2645



35.2763, 0.2940, 0.4875



35.2763, 0.2270, 0.1946

Square

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



35.2763, 0.2940, 0.4875



35.2763, 0.1570, 0.2285



35.2763, 0.3088, 0.2189



35.2763, 0.4955, 0.3891

Rectangle

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



35.2763, 0.2940, 0.4875



35.2763, 0.1810, 0.3318



35.2763, 0.3088, 0.2189



35.2763, 0.4601, 0.3031

Sweetspot

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



35.2778, 0.2940, 0.4875



74.5898, 0.3061, 0.3695



41.3497, 0.3783, 0.4755



15.8837, 0.3051, 0.3767



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.2778, 0.2940, 0.4875



61.2654, 0.2927, 0.5259



36.5591, 0.2612, 0.3901



9.5127, 0.3094, 0.3485



22.8563, 0.2953, 0.5831



0.7263, 0.2826, 0.5372

Inverse Universe

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



17.3530, 0.3430, 0.2118



26.2121, 0.3514, 0.1944



15.8285, 0.4297, 0.2800



8.6216, 0.3162, 0.3103



8.3090, 0.3680, 0.1801



0.2680, 0.3529, 0.1717

Previews

White Background



This preview shows how the Yxy color 35.2763, 0.2940, 0.4875 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.2763, 0.2940, 0.4875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

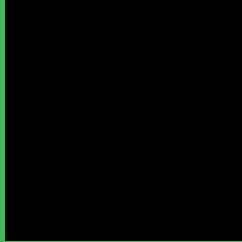
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2763, 0.2940, 0.4875

Background



This preview shows how black text looks on a background with the Yxy color 35.2763, 0.2940, 0.4875.



This preview shows how white text looks on a background with the Yxy color 35.2763, 0.2940, 0.4875.

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

35.2763, 0.2940, 0.4875

Protanopia

34.5503, 0.3979, 0.4340

Deuteranopia

34.5638, 0.4076, 0.4000



Tritanopia

35.2253, 0.2470, 0.3069

Trichromacy



Original Color

35.2763, 0.2940, 0.4875



Protanomaly

33.7288, 0.3521, 0.4564



Deuteranomaly

33.4285, 0.3580, 0.4336



Tritanomaly

35.0182, 0.2642, 0.3695

Monochromacy



Original Color

35.2763, 0.2940, 0.4875



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

28.1612, 0.3033, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2763, 0.2940, 0.4875 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(74, 181, 92)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 92)  
}
```

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(74, 181, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 92) }
```

Border

The CSS property to change the border of an element to Yxy 35.2763, 0.2940, 0.4875 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(74, 181, 92) }
```

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

```
.border{ border-color:rgb(74, 181, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 92);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2763, 0.2940, 0.4875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 92) }
```

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

```
.background{ background-color: rgb(74, 181,  
92) }
```

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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