

Converting Colors

$Y_{xy}(35.6057, 0.2495, 0.2926)$

Have a look what the booklet for
Yxy(35.6057, 0.2495, 0.2926)
contains.

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Color

Yxy(35.6057, 0.2495, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	6FA9C1
RGB	111, 169, 193
RGB Percent	44%, 66%, 76%
CMY	0.5650, 0.3372, 0.2432
CMYK	0.43, 0.12, 0.00, 0.24
HSL	198°, 40%, 60%
HSV	198°, 43%, 76%
XYZ	30.3610, 35.6057, 55.7206
YIQ	154.3940, -42.2720, -4.8320

Conversions

Conversions Part 2

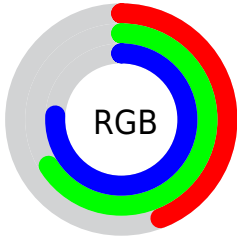
Format	Color
R _Y B	111, 145, 193
Decimal	7317953
CIE Lab	66.22, -12.59, -18.22
CIE LCh	66, 22.148, 235.347
Yxy	35.6057, 0.2495, 0.2926
Android (android.graphics.Color)	4285508033 (0xFF6FA9C1)
YUV	154.3940, 19.0328, -38.0565
Hunter-Lab	59.6705, -13.6007, -13.5959

Details

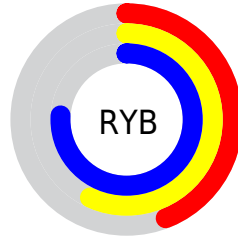
The Yxy color **35.6057, 0.2495, 0.2926** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.7825, 0.4072, 0.3619**, and the grayscale version is **32.4190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2579, 0.2616, 0.3002**, and **15.4565, 0.2315, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **32.4354, 0.2365, 0.2823**, and if you desaturate by 10%, it is **39.1396, 0.2636, 0.3023**.

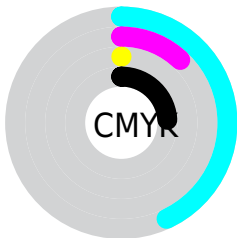
Distribution



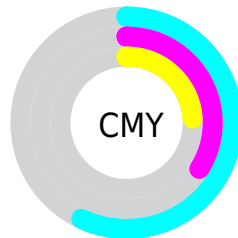
- Red (44%)
- Green (66%)
- Blue (76%)



- Red (44%)
- Yellow (57%)
- Blue (76%)



- Cyan (43%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)




- Cyan (57%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6057, 0.2495, 0.2926 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 35.6057, 0.2495, 0.2926 by changing the saturation by 10% instead.

 35.6057, 0.2495,
0.2926


 35.6057, 0.2495,
0.2926


327.2338, 0.2817,
0.3120

 24.1298, 0.2413,
0.2874


 68.4230, 0.2613,
0.2999


 15.4300, 0.2307,
0.2804


 90.5333, 0.2657,
0.3026

 9.1217, 0.2166,
0.2708


 116.9571, 0.2695,
0.3048

 4.8206, 0.1968,
0.2568

 148.0789, 0.2726,
0.3067

 2.1424, 0.1676,
0.2345

184.2831, 0.2754,
0.3083

 0.6883, 0.0993,
0.1970

225.9541, 0.2778,

 0.0000, 0.0000,

0.3097

0.0000

273.4762, 0.2799,
0.3110

■ 35.6057, 0.2495,
0.2926

■ 35.6057, 0.2495,
0.2926

■ 32.4354, 0.2365,
0.2823

■ 39.1396, 0.2636,
0.3023

■ 29.6058, 0.2248,
0.2717

■ 43.0501, 0.2784,
0.3113

■ 27.0976, 0.2149,
0.2607

■ 47.3545, 0.2936,
0.3197

■ 24.8869, 0.2069,
0.2497

■ 52.0676, 0.3089,
0.3272

■ 22.9456, 0.2009,
0.2387

■ 57.2033, 0.3240,
0.3340

■ 21.6315, 0.1974,
0.2306

■ 62.7748, 0.3388,
0.3401

■ 68.7948, 0.3531,
0.3455

■ 73.2655, 0.3588,
0.3508

■ 76.1712, 0.3575,
0.3565

Harmonies

Analogous

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



35.6057, 0.2558, 0.3205



35.6057, 0.2495, 0.2926



35.6057, 0.2588, 0.2765

Triad

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



35.6057, 0.2495, 0.2926



35.6057, 0.3484, 0.3058



35.6057, 0.3415, 0.3897

Complementary

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



35.6057, 0.2495, 0.2926



29.7825, 0.4072, 0.3619

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.



35.6057, 0.3683, 0.3816



35.6057, 0.2495, 0.2926



35.6057, 0.3729, 0.3327

Square

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



35.6057, 0.2495, 0.2926



35.6057, 0.3147, 0.2849



35.6057, 0.3802, 0.3602



35.6057, 0.3079, 0.3795

Rectangle

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



35.6057, 0.2495, 0.2926



35.6057, 0.2730, 0.2734



35.6057, 0.3802, 0.3602



35.6057, 0.3516, 0.3889

Sweetspot

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



35.6071, 0.2495, 0.2926



84.2723, 0.2926, 0.3191



43.2381, 0.2918, 0.4216



17.6998, 0.2892, 0.3173



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.6071, 0.2495, 0.2926



58.4876, 0.2374, 0.2831



22.8473, 0.2388, 0.2275



10.9153, 0.2984, 0.3221



14.5319, 0.1978, 0.2320



0.7421, 0.2045, 0.2562

Inverse Universe

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



25.5539, 0.3448, 0.2529



39.1228, 0.3544, 0.2375



43.2253, 0.3842, 0.4129



10.1957, 0.3181, 0.3128



8.7492, 0.4105, 0.2035



0.3896, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 35.6057, 0.2495, 0.2926 looks on a white background.

Color Contrast Check

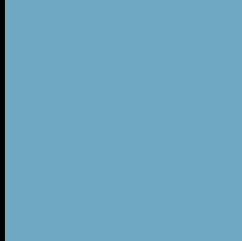
Large Text (above 18pt) WCAG AA × Fail

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 35.6057, 0.2495, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

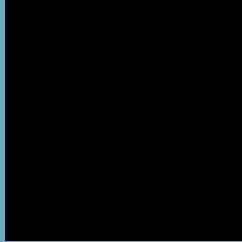
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6057, 0.2495, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 35.6057, 0.2495, 0.2926.



This preview shows how white text looks on a background with the Yxy color 35.6057, 0.2495, 0.2926.

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

35.6057, 0.2495, 0.2926

Protanopia

35.3100, 0.2862, 0.2906

Deuteranopia

35.3686, 0.2808, 0.2749



Tritanopia

35.3983, 0.2535, 0.3071

Trichromacy



Original Color

35.6057, 0.2495, 0.2926

Protanomaly

35.3575, 0.2710, 0.2910

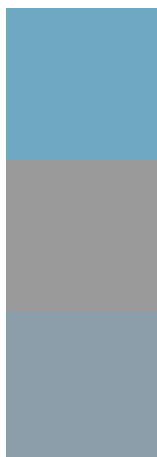
Deuteranomaly

35.0926, 0.2680, 0.2801

Tritanomaly

35.5885, 0.2522, 0.3027

Monochromacy



Original Color

35.6057, 0.2495, 0.2926

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.0267, 0.2857, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6057, 0.2495, 0.2926 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(111, 169, 193)` looks like.

```
.text, #text, p{  
    color:rgb(111, 169, 193)  
}
```

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(111, 169, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 169, 193) }
```

Border

The CSS property to change the border of an element to Yxy 35.6057, 0.2495, 0.2926 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(111, 169, 193) }
```

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

```
.border{ border-color:rgb(111, 169, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 169, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 169, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 169, 193);  
box-shadow:4px 4px 4px 4px rgb(111, 169,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6057, 0.2495, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 169, 193) }
```

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

```
.background{ background-color: rgb(111,  
169, 193) }
```

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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