

Converting Colors

$Yxy(36.0499, 0.2459, 0.3117)$

Have a look what the booklet for
Yxy(36.0499, 0.2459, 0.3117)
contains.

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Color

$\text{Yxy}(36.1546, 0.2457, 0.3116)$

Conversions

Conversions Part 1

Format	Color
Hex	5EAEB9
RGB	94, 174, 185
RGB Percent	37%, 68%, 73%
CMY	0.6313, 0.3176, 0.2746
CMYK	0.49, 0.06, 0.00, 0.27
HSL	187°, 39%, 55%
HSV	187°, 49%, 73%
XYZ	28.5083, 36.1546, 51.3660
YIQ	151.3340, -51.2110, -13.5390

Conversions

Conversions Part 2

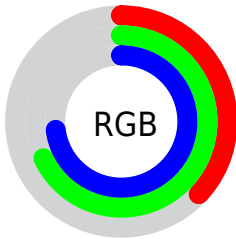
Format	Color
RYB	94, 137, 185
Decimal	6205113
CIELab	66.64, -21.50, -13.21
CIElCh	67, 25.239, 211.570
Yxy	36.1546, 0.2457, 0.3116
Android (android.graphics.Color)	4284395193 (0xFF5EAE B9)
YUV	151.3340, 16.5973, -50.2819
Hunter-Lab	60.1287, -20.5946, -8.5594

Details

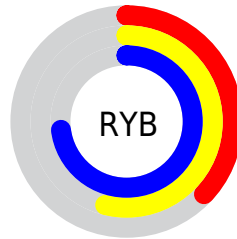
The Yxy color **36.1546, 0.2457, 0.3116** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2224, 0.4398, 0.3447**, and the grayscale version is **31.0433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4285, 0.2582, 0.3159**, and **15.6640, 0.2257, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **34.4367, 0.2358, 0.3075**, and if you desaturate by 10%, it is **38.1240, 0.2572, 0.3156**.

Distribution



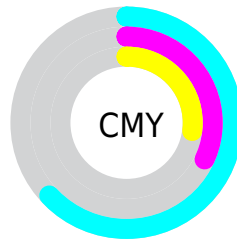
- Red (37%)
- Green (68%)
- Blue (73%)



- Red (37%)
- Yellow (54%)
- Blue (73%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)




- Cyan (63%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1546, 0.2457, 0.3116 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 36.1546, 0.2457, 0.3116 by changing the saturation by 10% instead.


 36.1546, 0.2457,
0.3116


 36.1546, 0.2457,
0.3116


329.6358, 0.2798,
0.3215


 24.5536, 0.2370,
0.3087


 69.2706, 0.2582,
0.3155

 15.7448, 0.2259,
0.3048


 91.5544, 0.2629,
0.3168

 9.3438, 0.2110,
0.2992


 118.1680, 0.2668,
0.3180

 4.9661, 0.1901,
0.2905

 149.4957, 0.2702,
0.3189

 2.2274, 0.1593,
0.2756

185.9220, 0.2731,
0.3197

 0.7349, 0.0609,
0.2579

227.8311, 0.2756,

 0.0000, 0.0000,

0.3204

0.0000

275.6076, 0.2778,
0.3209

■ 36.1546, 0.2457,
0.3116

■ 36.1546, 0.2457,
0.3116

■ 34.4367, 0.2358,
0.3075

■ 38.1240, 0.2572,
0.3156

■ 32.9489, 0.2277,
0.3033

■ 40.3561, 0.2701,
0.3194

■ 31.6734, 0.2214,
0.2991


■ 42.8664, 0.2840,
0.3229


■ 30.5873, 0.2171,
0.2949

■ 45.6679, 0.2988,
0.3262

■ 29.6493, 0.2142,
0.2908

■ 48.7729, 0.3140,
0.3292

 29.5745, 0.2140,
0.2905

 52.1928, 0.3294,
0.3320

 55.9384, 0.3448,
0.3344

 60.0202, 0.3600,
0.3366

 63.3902, 0.3703,
0.3387

Harmonies

Analogous

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



36.1546, 0.2659, 0.3488



36.1546, 0.2457, 0.3116



36.1546, 0.2423, 0.2826

Triad

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



36.1546, 0.2457, 0.3116



36.1546, 0.3230, 0.2835



36.1546, 0.3703, 0.3919

Complementary

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



36.1546, 0.2457, 0.3116



21.2224, 0.4398, 0.3447

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.



36.1546, 0.3881, 0.3697



36.1546, 0.2457, 0.3116



36.1546, 0.3602, 0.3086

Square

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



36.1546, 0.2457, 0.3116



36.1546, 0.2850, 0.2688



36.1546, 0.3846, 0.3394



36.1546, 0.3374, 0.3976

Rectangle

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



36.1546, 0.2457, 0.3116



36.1546, 0.2497, 0.2711



36.1546, 0.3846, 0.3394



36.1546, 0.3783, 0.3859

Sweetspot

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



36.1560, 0.2457, 0.3116



78.6978, 0.2898, 0.3242



38.0842, 0.2991, 0.4650



16.7445, 0.2867, 0.3235



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.1560, 0.2457, 0.3116



61.4629, 0.2351, 0.3072



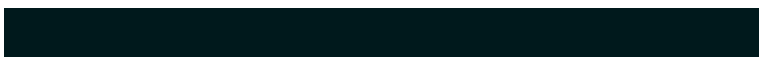
21.5525, 0.2313, 0.2351



10.0206, 0.2985, 0.3262



20.2122, 0.2142, 0.2910



0.7651, 0.2171, 0.3017

Inverse Universe

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



21.3760, 0.3313, 0.2238



32.5678, 0.3363, 0.2047



32.9692, 0.4061, 0.4063



9.1436, 0.3155, 0.3091



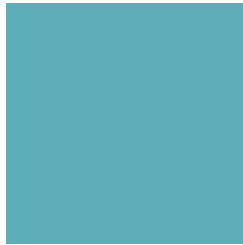
8.8228, 0.3534, 0.1721



0.3163, 0.3440, 0.1668

Previews

White Background



This preview shows how the Yxy color 36.1546, 0.2457, 0.3116 looks on a white background.

Color Contrast Check

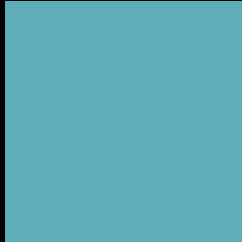
Large Text (above 18pt) WCAG AA × Fail

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 36.1546, 0.2457, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

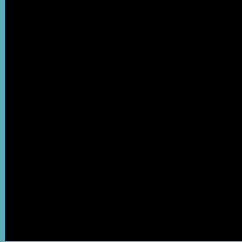
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

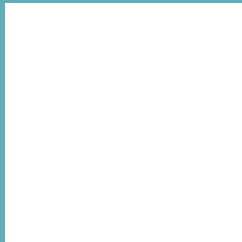
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1546, 0.2457, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 36.1546, 0.2457, 0.3116.

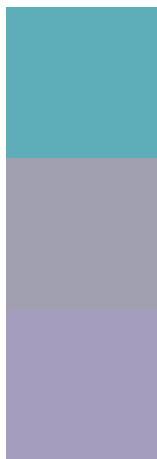


This preview shows how white text looks on a background with the Yxy color 36.1546, 0.2457, 0.3116.

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

36.1546, 0.2457, 0.3116

Protanopia

35.7498, 0.2989, 0.3061

Deuteranopia

35.6806, 0.2916, 0.2847



Tritanopia

36.3358, 0.2445, 0.3071

Trichromacy



Original Color

36.1546, 0.2457, 0.3116

Protanomaly

35.3992, 0.2762, 0.3079

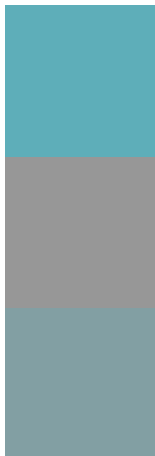
Deuteranomaly

35.3142, 0.2717, 0.2923

Tritanomaly

36.2929, 0.2451, 0.3086

Monochromacy



Original Color

36.1546, 0.2457, 0.3116

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.1864, 0.2828, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1546, 0.2457, 0.3116 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(94, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(94, 174, 185)  
}
```

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(94, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 174, 185) }
```

Border

The CSS property to change the border of an element to Yxy 36.1546, 0.2457, 0.3116 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(94, 174, 185) }
```

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

```
.border{ border-color:rgb(94, 174, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 174, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(94, 174,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1546, 0.2457, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 174, 185) }
```

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

```
.background{ background-color: rgb(94, 174,  
185) }
```

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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