

Converting Colors

$Yxy(35.5816, 0.2605, 0.3510)$

Have a look what the booklet for
Yxy(35.5816, 0.2605, 0.3510)
contains.

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Color

Yxy(35.6128, 0.2607, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	5EAFA1
RGB	94, 175, 161
RGB Percent	37%, 69%, 63%
CMY	0.6312, 0.3137, 0.3686
CMYK	0.46, 0.00, 0.08, 0.31
HSL	170°, 34%, 53%
HSV	170°, 46%, 69%
XYZ	26.3832, 35.6128, 39.2055
YIQ	149.1850, -43.7820, -21.5260

Conversions

Conversions Part 2

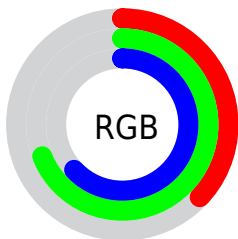
Format	Color
R_{YB}	94, 138, 175
Decimal	6205345
CIE _{Lab}	66.22, -28.25, -0.52
CIE _{LCh}	66, 28.252, 181.057
Y _{xy}	35.6128, 0.2607, 0.3519
Android (android.graphics.Color)	4284395425 (0xFF5EAF _{A1})
YUV	149.1850, 5.8248, -48.3972
Hunter-Lab	59.6765, -25.5182, 2.8220

Details

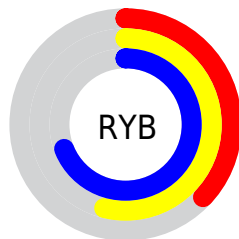
The Yxy color **35.6128, 0.2607, 0.3519** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.2112, 0.4132, 0.3085**, and the grayscale version is **30.1312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4993, 0.2706, 0.3473**, and **15.4382, 0.2442, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **34.6856, 0.2529, 0.3578**, and if you desaturate by 10%, it is **36.7551, 0.2700, 0.3463**.

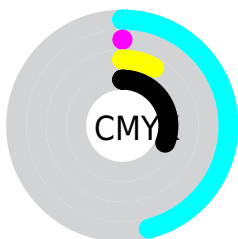
Distribution



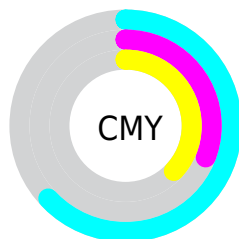
- Red (37%)
- Green (69%)
- Blue (63%)



- Red (37%)
- Yellow (54%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6128, 0.2607, 0.3519 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 35.6128, 0.2607, 0.3519 by changing the saturation by 10% instead.


 35.6128, 0.2607,
0.3519


 35.6128, 0.2607,
0.3519


327.2650, 0.2877,
0.3401

 24.1353, 0.2536,
0.3550


 68.4340, 0.2708,
0.3475

 15.4340, 0.2444,
0.3590

 90.5465, 0.2745,
0.3459

 9.1246, 0.2317,
0.3645


 116.9728, 0.2776,
0.3445

 4.8225, 0.2134,
0.3724

 148.0973, 0.2802,
0.3434

 2.1435, 0.1848,
0.3846

184.3044, 0.2825,
0.3424

 0.6889, 0.0000,
0.4669

225.9784, 0.2844,

 0.0000, 0.0000,

0.3415

0.0000

273.5038, 0.2862,
0.3407

■ 35.6128, 0.2607,
0.3519

■ 35.6128, 0.2607,
0.3519

■ 34.6856, 0.2529,
0.3578

■ 36.7551, 0.2700,
0.3463

■ 33.9550, 0.2469,
0.3638

■ 38.1214, 0.2806,
0.3410

■ 33.4062, 0.2428,
0.3699


■ 39.7251, 0.2923,
0.3361

■ 33.0204, 0.2406,
0.3761

■ 41.5772, 0.3047,
0.3316


■ 32.7726, 0.2401,
0.3822

■ 43.6881, 0.3176,
0.3275

 32.6953, 0.2401,
0.3845

 46.0678, 0.3307,
0.3238

 48.7254, 0.3439,
0.3206

 51.6698, 0.3569,
0.3177

 54.9096, 0.3697,
0.3152

Harmonies

Analogous

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



35.6128, 0.2979, 0.3894



35.6128, 0.2607, 0.3519



35.6128, 0.2381, 0.3097

Triad

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



35.6128, 0.2607, 0.3519



35.6128, 0.2808, 0.2618



35.6128, 0.3977, 0.3735

Complementary

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



35.6128, 0.2607, 0.3519



18.2112, 0.4132, 0.3085

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.



35.6128, 0.3935, 0.3395



35.6128, 0.2607, 0.3519



35.6128, 0.3233, 0.2779

Square

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



35.6128, 0.2607, 0.3519



35.6128, 0.2491, 0.2609



35.6128, 0.3655, 0.3055



35.6128, 0.3777, 0.3992

Rectangle

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



35.6128, 0.2607, 0.3519



35.6128, 0.2333, 0.2863



35.6128, 0.3655, 0.3055



35.6128, 0.3991, 0.3626

Sweetspot

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



35.6142, 0.2607, 0.3519



71.7815, 0.2947, 0.3352



34.7116, 0.3178, 0.4665



15.8065, 0.2922, 0.3362



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.6142, 0.2607, 0.3519



62.0194, 0.2525, 0.3582



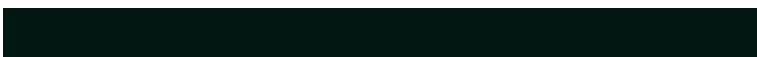
27.0872, 0.2443, 0.2857



9.0480, 0.3009, 0.3329



23.4234, 0.2399, 0.3838



0.6578, 0.2348, 0.3653

Inverse Universe

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



18.2112, 0.4132, 0.3085



26.8105, 0.4515, 0.3048



23.2793, 0.4163, 0.3674



8.0371, 0.3260, 0.3251



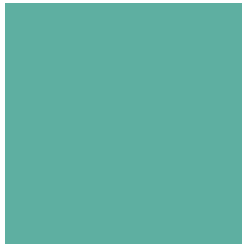
6.6014, 0.6111, 0.3140



0.1903, 0.5380, 0.2737

Previews

White Background



This preview shows how the Yxy color 35.6128, 0.2607, 0.3519 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 35.6128, 0.2607, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

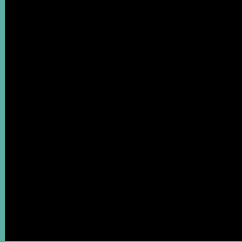
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6128, 0.2607, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 35.6128, 0.2607, 0.3519.



This preview shows how white text looks on a background with the Yxy color 35.6128, 0.2607, 0.3519.

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

35.6128, 0.2607, 0.3519

Protanopia

35.0626, 0.3249, 0.3393

Deuteranopia

35.0435, 0.3213, 0.3149



Tritanopia

35.3953, 0.2488, 0.3070

Trichromacy



Original Color

35.6128, 0.2607, 0.3519

Protanomaly

34.7658, 0.2974, 0.3445

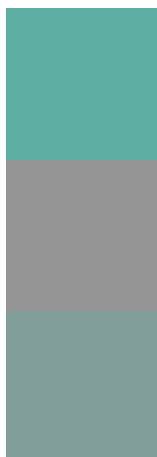
Deuteranomaly

34.4503, 0.2944, 0.3259

Tritanomaly

35.2363, 0.2528, 0.3224

Monochromacy



Original Color

35.6128, 0.2607, 0.3519

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.4208, 0.2899, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6128, 0.2607, 0.3519 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, 175, 161)` looks like.

```
.text, #text, p{  
    color:rgb(94, 175, 161)  
}
```

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, 175, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 175, 161) }
```

Border

The CSS property to change the border of an element to Yxy 35.6128, 0.2607, 0.3519 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, 175, 161) }
```

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

```
.border{ border-color:rgb(94, 175, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 175, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 175, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 175, 161);  
box-shadow:4px 4px 4px 4px rgb(94, 175,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6128, 0.2607, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 175, 161) }
```

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

```
.background{ background-color: rgb(94, 175,  
161) }
```

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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