

Converting Colors

Yxy(34.6964, 0.2466, 0.3144)

Have a look what the booklet for
Yxy(34.6964, 0.2466, 0.3144)
contains.

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Color

Yxy(34.6964, 0.2466, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	5CABB4
RGB	92, 171, 180
RGB Percent	36%, 67%, 71%
CMY	0.6393, 0.3294, 0.2941
CMYK	0.49, 0.05, 0.00, 0.29
HSL	186°, 37%, 53%
HSV	186°, 49%, 71%
XYZ	27.2142, 34.6964, 48.4469
YIQ	148.4050, -49.9730, -13.9490

Conversions

Conversions Part 2

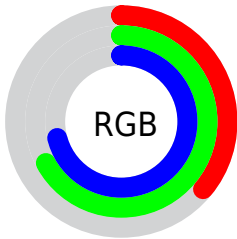
Format	Color
RYB	92, 134, 180
Decimal	6073268
CIELab	65.51, -21.79, -12.15
CIELCh	66, 24.950, 209.138
Yxy	34.6964, 0.2466, 0.3144
Android (android.graphics.Color)	4284263348 (0xFF5CABB4)
YUV	148.4050, 15.5763, -49.4672
Hunter-Lab	58.9037, -20.6123, -7.5322

Details

The Yxy color **34.6964, 0.2466, 0.3144** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7827, 0.4396, 0.3423**, and the grayscale version is **29.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2902, 0.2591, 0.3181**, and **15.0173, 0.2271, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **33.1875, 0.2369, 0.3110**, and if you desaturate by 10%, it is **36.4379, 0.2580, 0.3177**.

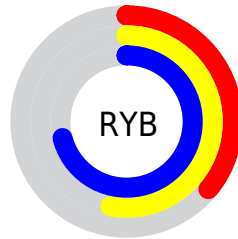
Distribution



Red (36%)

Green (67%)

Blue (71%)



Red (36%)

Yellow (53%)

Blue (71%)

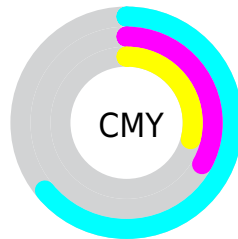


Cyan (49%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6964, 0.2466, 0.3144 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 34.6964, 0.2466, 0.3144 by changing the saturation by 10% instead.


 34.6964, 0.2466,
0.3144


 34.6964, 0.2466,
0.3144


323.2262, 0.2805,
0.3228

 23.4291, 0.2379,
0.3119


 67.0152, 0.2591,
0.3178

 14.9107, 0.2266,
0.3084


 88.8354, 0.2637,
0.3189

 8.7567, 0.2115,
0.3033


 114.9422, 0.2676,
0.3199

 4.5828, 0.1901,
0.2953

 145.7197, 0.2710,
0.3207

 2.0046, 0.1581,
0.2811

181.5525, 0.2738,
0.3213

 0.6102, 0.0210,
0.2673

222.8249, 0.2764,

 0.0000, 0.0000,

0.3219

0.0000

269.9214, 0.2786,
0.3224

■ 34.6964, 0.2466,
0.3144

■ 34.6964, 0.2466,
0.3144

■ 33.1875, 0.2369,
0.3110

■ 36.4379, 0.2580,
0.3177

■ 31.8913, 0.2289,
0.3075

■ 38.4224, 0.2707,
0.3209

■ 30.7911, 0.2229,
0.3039


■ 40.6642, 0.2845,
0.3239

■ 29.8658, 0.2187,
0.3004

■ 43.1756, 0.2992,
0.3267


■ 29.0775, 0.2160,
0.2970


■ 45.9679, 0.3144,
0.3293

 28.9934, 0.2157,
0.2966

 49.0518, 0.3299,
0.3316

 52.4374, 0.3453,
0.3337

 56.1345, 0.3606,
0.3355

 60.1520, 0.3755,
0.3371

Harmonies

Analogous

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



34.6964, 0.2681, 0.3518



34.6964, 0.2466, 0.3144



34.6964, 0.2418, 0.2844

Triad

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



34.6964, 0.2466, 0.3144



34.6964, 0.3198, 0.2817



34.6964, 0.3726, 0.3907

Complementary

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



34.6964, 0.2466, 0.3144



19.7827, 0.4396, 0.3423

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.



34.6964, 0.3889, 0.3675



34.6964, 0.2466, 0.3144



34.6964, 0.3576, 0.3063

Square

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



34.6964, 0.2466, 0.3144



34.6964, 0.2821, 0.2681



34.6964, 0.3835, 0.3368



34.6964, 0.3405, 0.3981

Rectangle

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



34.6964, 0.2466, 0.3144



34.6964, 0.2483, 0.2720



34.6964, 0.3835, 0.3368



34.6964, 0.3801, 0.3843

Sweetspot

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



34.6977, 0.2466, 0.3144



75.3252, 0.2898, 0.3250



35.8563, 0.3001, 0.4663



16.0817, 0.2868, 0.3244



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.



34.6977, 0.2466, 0.3144



59.8896, 0.2359, 0.3106



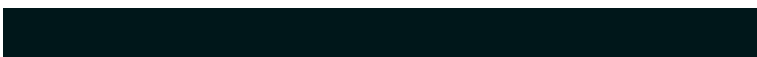
20.7997, 0.2324, 0.2385



9.4800, 0.2986, 0.3266



20.2903, 0.2158, 0.2970



0.6808, 0.2185, 0.3067

Inverse Universe

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



20.2969, 0.3291, 0.2226



31.1845, 0.3335, 0.2027



30.6667, 0.4063, 0.4039



8.6314, 0.3153, 0.3088



8.5884, 0.3480, 0.1691



0.2745, 0.3396, 0.1644

Previews

White Background



This preview shows how the Yxy color 34.6964, 0.2466, 0.3144 looks on a white background.

Color Contrast Check

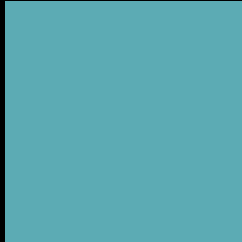
Large Text (above 18pt) WCAG AA × Fail

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 34.6964, 0.2466, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

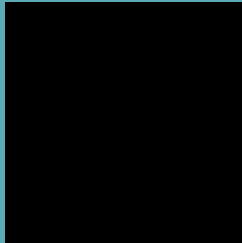
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

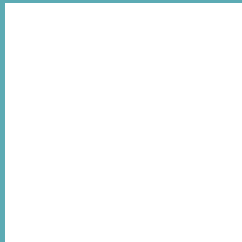
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6964, 0.2466, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 34.6964, 0.2466, 0.3144.

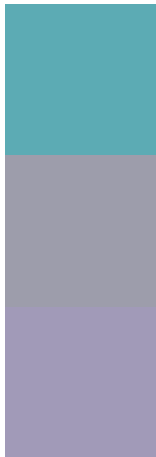


This preview shows how white text looks on a background with the Yxy color 34.6964, 0.2466, 0.3144.

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

34.6964, 0.2466, 0.3144

Protanopia

34.2223, 0.3003, 0.3086

Deuteranopia

34.1490, 0.2929, 0.2866



Tritanopia

34.5373, 0.2445, 0.3066

Trichromacy



Original Color

34.6964, 0.2466, 0.3144

Protanomaly

33.8832, 0.2771, 0.3105

Deuteranomaly

33.7947, 0.2725, 0.2945

Tritanomaly

34.4955, 0.2451, 0.3082

Monochromacy



Original Color

34.6964, 0.2466, 0.3144

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.9042, 0.2832, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6964, 0.2466, 0.3144 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(92, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(92, 171, 180)  
}
```

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(92, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 171, 180) }
```

Border

The CSS property to change the border of an element to Yxy 34.6964, 0.2466, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

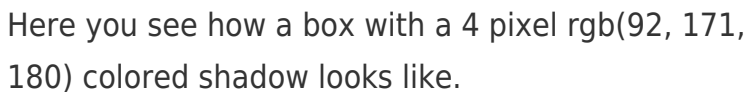
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 171, 180) }
```

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

```
.border{ border-color:rgb(92, 171, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 171, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 171, 180); box-shadow:4px 4px 4px 4px rgb(92, 171, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6964, 0.2466, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 171, 180) }
```

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

```
.background{ background-color: rgb(92, 171,  
180) }
```

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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