

Converting Colors

$Yxy(36.0549, 0.2367, 0.2864)$

Have a look what the booklet for
Yxy(36.0549, 0.2367, 0.2864)
contains.

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Color

Yxy(36.0549, 0.2367, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	5EACC8
RGB	94, 172, 200
RGB Percent	37%, 67%, 78%
CMY	0.6312, 0.3255, 0.2157
CMYK	0.53, 0.14, 0.00, 0.22
HSL	196°, 49%, 58%
HSV	196°, 53%, 78%
XYZ	29.7982, 36.0549, 60.0369
YIQ	151.8700, -55.4760, -7.8280

Conversions

Conversions Part 2

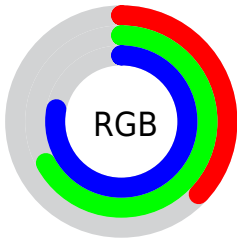
Format	Color
RYB	94, 139, 200
Decimal	6204616
CIELab	66.56, -16.20, -21.65
CIElCh	67, 27.045, 233.194
Yxy	36.0549, 0.2367, 0.2864
Android (android.graphics.Color)	4284394696 (0xFF5EACC8)
YUV	151.8700, 23.7281, -50.7520
Hunter-Lab	60.0457, -16.4980, -17.2493

Details

The Yxy color **36.0549, 0.2367, 0.2864** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **27.0244, 0.4439, 0.3656**, and the grayscale version is **31.2600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7375, 0.2514, 0.2965**, and **15.7695, 0.2149, 0.2730** is the 20% darker color. If you saturate the color by 10%, you get **33.1588, 0.2255, 0.2768**, and if you desaturate by 10%, it is **39.3078, 0.2494, 0.2957**.

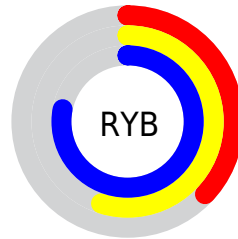
Distribution



Red (37%)

Green (67%)

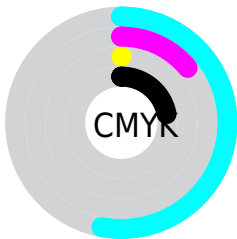
Blue (78%)



Red (37%)

Yellow (55%)

Blue (78%)

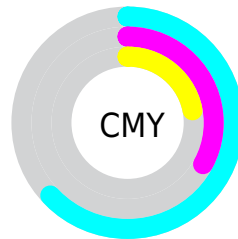


Cyan (53%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (63%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0549, 0.2367, 0.2864 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 36.0549, 0.2367, 0.2864 by changing the saturation by 10% instead.

 36.0549, 0.2367,
0.2864


 36.0549, 0.2367,
0.2864


329.2004, 0.2751,
0.3092


 24.4766, 0.2271,
0.2803


 69.1168, 0.2507,
0.2950

 15.6875, 0.2148,
0.2722


 91.3692, 0.2559,
0.2982

 9.3033, 0.1986,
0.2610


 117.9484, 0.2604,
0.3008

 4.9396, 0.1763,
0.2448

 149.2388, 0.2642,
0.3030

 2.2118, 0.1444,
0.2195

185.6248, 0.2675,
0.3049

 0.7264, 0.0729,
0.1797

227.4908, 0.2703,

 0.0000, 0.0000,

0.3065

0.0000

275.2212, 0.2729,
0.3080

■ 36.0549, 0.2367,
0.2864

■ 36.0549, 0.2367,
0.2864

■ 33.1588, 0.2255,
0.2768

■ 39.3078, 0.2494,
0.2957

■ 30.5929, 0.2161,
0.2669

■ 42.9335, 0.2632,
0.3044

■ 28.3327, 0.2086,
0.2570

■ 46.9520, 0.2778,
0.3126

■ 26.3474, 0.2031,
0.2472

■ 51.3803, 0.2929,
0.3202

■ 25.0785, 0.2001,
0.2403

■ 56.2343, 0.3082,
0.3271

■ 61.5290, 0.3234,
0.3333

■ 67.2786, 0.3383,
0.3388

■ 73.4965, 0.3529,
0.3438

■ 76.3999, 0.3525,
0.3490

Harmonies

Analogous

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



36.0549, 0.2454, 0.3208



36.0549, 0.2367, 0.2864



36.0549, 0.2464, 0.2664

Triad

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



36.0549, 0.2367, 0.2864



36.0549, 0.3533, 0.2988



36.0549, 0.3499, 0.4032

Complementary

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



36.0549, 0.2367, 0.2864



27.0244, 0.4439, 0.3656

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.



36.0549, 0.3817, 0.3909



36.0549, 0.2367, 0.2864



36.0549, 0.3846, 0.3305

Square

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



36.0549, 0.2367, 0.2864



36.0549, 0.3118, 0.2748



36.0549, 0.3950, 0.3636



36.0549, 0.3093, 0.3929

Rectangle

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



36.0549, 0.2367, 0.2864



36.0549, 0.2625, 0.2623



36.0549, 0.3950, 0.3636



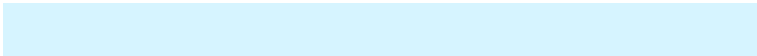
36.0549, 0.3620, 0.4014

Sweetspot

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



36.0563, 0.2367, 0.2864



86.3761, 0.2879, 0.3178



45.0641, 0.2902, 0.4557



18.1432, 0.2848, 0.3162



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.0563, 0.2367, 0.2864



56.4986, 0.2236, 0.2749



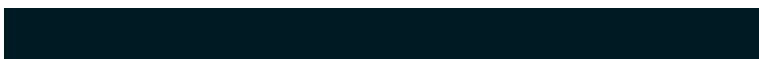
20.1162, 0.2198, 0.2025



11.5747, 0.2984, 0.3228



16.0973, 0.2005, 0.2417



0.8760, 0.2061, 0.2620

Inverse Universe

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



23.2734, 0.3520, 0.2322



33.6257, 0.3643, 0.2152



43.1763, 0.4055, 0.4281



10.7669, 0.3177, 0.3122



9.1650, 0.4006, 0.1980



0.4454, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 36.0549, 0.2367, 0.2864 looks on a white background.

Color Contrast Check

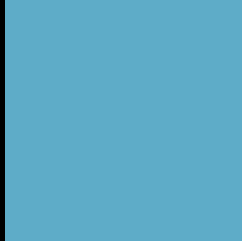
Large Text (above 18pt) WCAG AA × Fail

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 36.0549, 0.2367, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

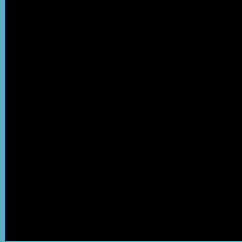
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0549, 0.2367, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 36.0549, 0.2367, 0.2864.

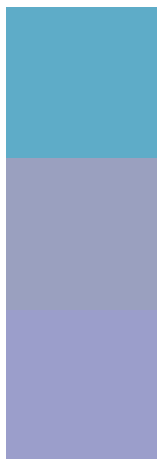


This preview shows how white text looks on a background with the Yxy color 36.0549, 0.2367, 0.2864.

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

36.0549, 0.2367, 0.2864

Protanopia

35.7732, 0.2815, 0.2853

Deuteranopia

35.7341, 0.2731, 0.2672



Tritanopia

36.0766, 0.2419, 0.3069

Trichromacy



Original Color

36.0549, 0.2367, 0.2864

Protanomaly

35.3515, 0.2623, 0.2850

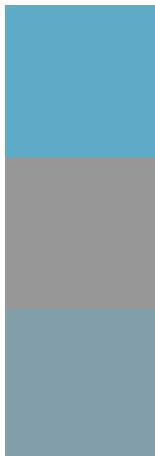
Deuteranomaly

35.4452, 0.2575, 0.2730

Tritanomaly

35.9171, 0.2398, 0.2994

Monochromacy



Original Color

36.0549, 0.2367, 0.2864

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.4861, 0.2789, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0549, 0.2367, 0.2864 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, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(94, 172, 200)  
}
```

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, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 172, 200) }
```

Border

The CSS property to change the border of an element to Yxy 36.0549, 0.2367, 0.2864 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, 172, 200) }
```

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

```
.border{ border-color:rgb(94, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(94, 172,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0549, 0.2367, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 172, 200) }
```

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

```
.background{ background-color: rgb(94, 172,  
200) }
```

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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