

Converting Colors

$Yxy(37.2817, 0.2368, 0.2897)$

Have a look what the booklet for
Yxy(37.2817, 0.2368, 0.2897)
contains.

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Color

Yxy(37.2041, 0.2366, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	5DAFC9
RGB	93, 175, 201
RGB Percent	36%, 69%, 79%
CMY	0.6353, 0.3137, 0.2118
CMYK	0.54, 0.13, 0.00, 0.21
HSL	194°, 50%, 58%
HSV	194°, 54%, 79%
XYZ	30.3848, 37.2041, 60.8339
YIQ	153.4460, -57.2180, -9.2980

Conversions

Conversions Part 2

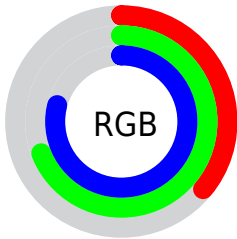
Format	Color
R_{YB}	93, 140, 201
Decimal	6139849
CIE _{Lab}	67.43, -17.73, -20.88
CIE _{LCh}	67, 27.392, 229.665
Yxy	37.2041, 0.2366, 0.2897
Android (android.graphics.Color)	4284329929 (0xFF5DAFC9)
YUV	153.4460, 23.4441, -53.0111
Hunter-Lab	60.9952, -17.8215, -16.4366

Details

The Yxy color **37.2041, 0.2366, 0.2897** 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 **26.3949, 0.4487, 0.3627**, and the grayscale version is **31.9734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8559, 0.2517, 0.3012**, and **16.2453, 0.2146, 0.2755** is the 20% darker color. If you saturate the color by 10%, you get **34.4419, 0.2259, 0.2810**, and if you desaturate by 10%, it is **40.3121, 0.2489, 0.2981**.

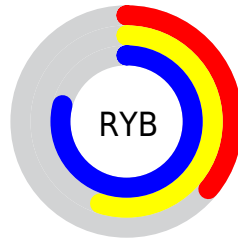
Distribution



Red (36%)

Green (69%)

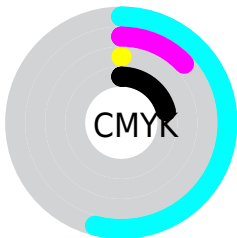
Blue (79%)



Red (36%)

Yellow (55%)

Blue (79%)

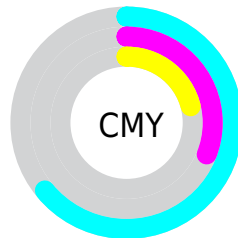


Cyan (54%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (64%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2041, 0.2366, 0.2897 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 37.2041, 0.2366, 0.2897 by changing the saturation by 10% instead.


 37.2041, 0.2366,
0.2897


 37.2041, 0.2366,
0.2897


334.1933, 0.2749,
0.3108


 25.3656, 0.2271,
0.2840


 70.8866, 0.2505,
0.2977


 16.3496, 0.2149,
0.2765


 93.4993, 0.2557,
0.3006

 9.7719, 0.1989,
0.2662


 120.4722, 0.2601,
0.3030

 5.2480, 0.1771,
0.2511

 152.1897, 0.2639,
0.3050

 2.3935, 0.1459,
0.2276

189.0362, 0.2672,
0.3068

 0.8225, 0.0811,
0.1912

231.3960, 0.2701,

 0.0000, 0.0000,

0.3083

0.0000

279.6536, 0.2726,
0.3096

■ 37.2041, 0.2366,
0.2897

■ 37.2041, 0.2366,
0.2897

■ 34.4419, 0.2259,
0.2810

■ 40.3121, 0.2489,
0.2981

■ 31.9985, 0.2170,
0.2721

■ 43.7821, 0.2624,
0.3061

■ 29.8492, 0.2100,
0.2632

■ 47.6341, 0.2768,
0.3136

■ 27.9624, 0.2049,
0.2543

■ 51.8852, 0.2917,
0.3205

■ 26.8786, 0.2024,
0.2488

■ 56.5513, 0.3070,
0.3268

■ 61.6476, 0.3223,
0.3325

■ 67.1882, 0.3374,
0.3376

■ 73.1865, 0.3521,
0.3421

■ 75.8965, 0.3520,
0.3470

Harmonies

Analogous

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



37.2041, 0.2475, 0.3255



37.2041, 0.2366, 0.2897



37.2041, 0.2442, 0.2678

Triad

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



37.2041, 0.2366, 0.2897



37.2041, 0.3488, 0.2954



37.2041, 0.3544, 0.4031

Complementary

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



37.2041, 0.2366, 0.2897



26.3949, 0.4487, 0.3627

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.



37.2041, 0.3846, 0.3884



37.2041, 0.2366, 0.2897



37.2041, 0.3820, 0.3265

Square

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



37.2041, 0.2366, 0.2897



37.2041, 0.3069, 0.2726



37.2041, 0.3952, 0.3599



37.2041, 0.3142, 0.3955

Rectangle

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



37.2041, 0.2366, 0.2897



37.2041, 0.2590, 0.2623



37.2041, 0.3952, 0.3599



37.2041, 0.3661, 0.4003

Sweetspot

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



37.2055, 0.2366, 0.2897



86.9616, 0.2880, 0.3188



45.4098, 0.2910, 0.4608



18.2836, 0.2848, 0.3174



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.



37.2055, 0.2366, 0.2897



58.4588, 0.2248, 0.2800



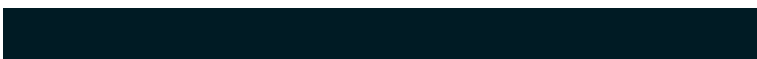
20.4108, 0.2189, 0.2032



11.6183, 0.2984, 0.3233



17.0494, 0.2028, 0.2501



0.9145, 0.2079, 0.2684

Inverse Universe

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



23.3387, 0.3495, 0.2282



33.8236, 0.3599, 0.2120



42.7853, 0.4081, 0.4275



10.7713, 0.3174, 0.3116



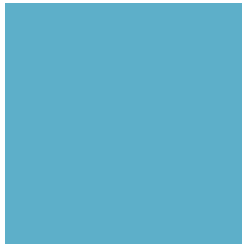
9.2611, 0.3922, 0.1934



0.4493, 0.3743, 0.1836

Previews

White Background



This preview shows how the Yxy color 37.2041, 0.2366, 0.2897 looks on a white background.

Color Contrast Check

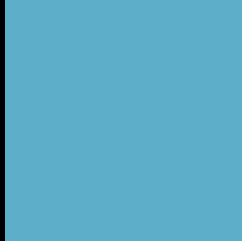
Large Text (above 18pt) WCAG AA × Fail

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 37.2041, 0.2366, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

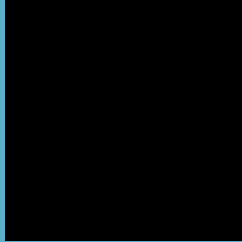
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2041, 0.2366, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 37.2041, 0.2366, 0.2897.



This preview shows how white text looks on a background with the Yxy color 37.2041, 0.2366, 0.2897.

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

37.2041, 0.2366, 0.2897

Protanopia

36.8145, 0.2834, 0.2871

Deuteranopia

36.7703, 0.2751, 0.2692



Tritanopia

37.3297, 0.2406, 0.3072

Trichromacy



Original Color

37.2041, 0.2366, 0.2897

Protanomaly

36.6459, 0.2636, 0.2884

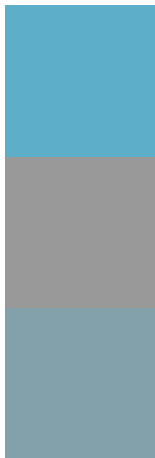
Deuteranomaly

36.2904, 0.2579, 0.2748

Tritanomaly

37.1645, 0.2386, 0.2997

Monochromacy



Original Color

37.2041, 0.2366, 0.2897

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.2173, 0.2784, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2041, 0.2366, 0.2897 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(93, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(93, 175, 201)  
}
```

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(93, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 175, 201) }
```

Border

The CSS property to change the border of an element to Yxy 37.2041, 0.2366, 0.2897 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(93, 175, 201) }
```

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

```
.border{ border-color:rgb(93, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(93, 175,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2041, 0.2366, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 175, 201) }
```

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

```
.background{ background-color: rgb(93, 175,  
201) }
```

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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