

Converting Colors

$Yxy(32.5440, 0.2192, 0.2485)$

Have a look what the booklet for
Yxy(32.5440, 0.2192, 0.2485)
contains.

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Color

Yxy(32.5479, 0.2192, 0.2485)

Conversions

Conversions Part 1

Format	Color
Hex	51A2D8
RGB	81, 162, 216
RGB Percent	32%, 64%, 85%
CMY	0.6821, 0.3647, 0.1530
CMYK	0.62, 0.25, 0.00, 0.15
HSL	204°, 63%, 58%
HSV	204°, 62%, 85%
XYZ	28.7103, 32.5479, 69.7193
YIQ	143.9370, -65.6100, -0.3780

Conversions

Conversions Part 2

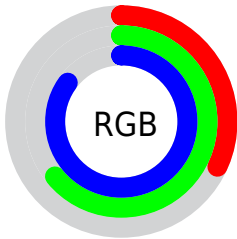
Format	Color
R _Y B	81, 132, 216
Decimal	5350104
CIE Lab	63.79, -8.45, -34.81
CIE LCh	64, 35.820, 256.349
Yxy	32.5479, 0.2192, 0.2485
Android (android.graphics.Color)	4283540184 (0xFF51A2D8)
YUV	143.9370, 35.5271, -55.1957
Hunter-Lab	57.0508, -10.0104, -32.5202

Details

The Yxy color **32.5479, 0.2192, 0.2485** 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 **32.5341, 0.4632, 0.3917**, and the grayscale version is **27.7449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5084, 0.2445, 0.2839**, and **13.9421, 0.1960, 0.2255** is the 20% darker color. If you saturate the color by 10%, you get **28.8000, 0.2077, 0.2330**, and if you desaturate by 10%, it is **36.8108, 0.2324, 0.2637**.

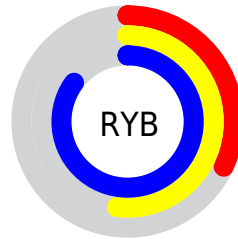
Distribution



Red (32%)

Green (64%)

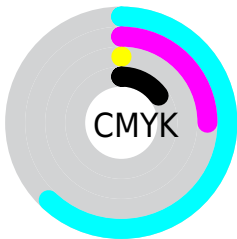
Blue (85%)



Red (32%)

Yellow (52%)

Blue (85%)

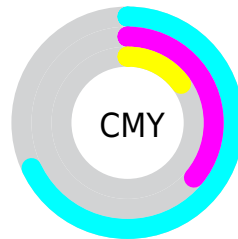


Cyan (62%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (68%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5479, 0.2192, 0.2485 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 32.5479, 0.2192, 0.2485 by changing the saturation by 10% instead.

■ 32.5479, 0.2192,
0.2485

■ 32.5479, 0.2192,
0.2485

■ 313.6076, 0.2666,
0.2904

■ 21.7803, 0.2075,
0.2378

■ 63.6690, 0.2364,
0.2640

■ 13.6956, 0.1926,
0.2239

■ 84.7914, 0.2429,
0.2698

■ 7.9092, 0.1732,
0.2055

■ 110.1342, 0.2484,
0.2746

■ 4.0369, 0.1473,
0.1803

■ 140.0817, 0.2531,
0.2787

■ 1.6942, 0.1120,
0.1446

■ 175.0184, 0.2571,
0.2822

■ 0.4199, 0.0380,
0.0828

■ 215.3287, 0.2607,

■ 0.0000, 0.0000,

0.2853

0.0000

261.3970, 0.2638,
0.2880

■ 32.5479, 0.2192,
0.2485

■ 32.5479, 0.2192,
0.2485

■ 28.8000, 0.2077,
0.2330

■ 36.8108, 0.2324,
0.2637

■ 25.5296, 0.1981,
0.2174

■ 41.6152, 0.2468,
0.2782

■ 22.6976, 0.1907,
0.2021

■ 46.9896, 0.2621,
0.2919

■ 20.8041, 0.1864,
0.1908

■ 52.9588, 0.2777,
0.3046

■ 59.5461, 0.2935,
0.3161

■ 66.7732, 0.3090,
0.3266

■ 74.6606, 0.3240,
0.3360

■ 83.2280, 0.3385,
0.3443

■ 88.4058, 0.3380,
0.3527

Harmonies

Analogous

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



32.5479, 0.2118, 0.2788



32.5479, 0.2192, 0.2485



32.5479, 0.2490, 0.2402

Triad

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



32.5479, 0.2192, 0.2485



32.5479, 0.4039, 0.3193



32.5479, 0.3194, 0.4251

Complementary

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



32.5479, 0.2192, 0.2485



32.5341, 0.4632, 0.3917

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.



32.5479, 0.3733, 0.4294



32.5479, 0.2192, 0.2485



32.5479, 0.4252, 0.3633

Square

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



32.5479, 0.2192, 0.2485



32.5479, 0.3554, 0.2800



32.5479, 0.4129, 0.4039



32.5479, 0.2664, 0.3861

Rectangle

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



32.5479, 0.2192, 0.2485



32.5479, 0.2798, 0.2460



32.5479, 0.4129, 0.4039



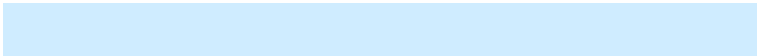
32.5479, 0.3380, 0.4306

Sweetspot

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



32.5491, 0.2192, 0.2485



80.1890, 0.2829, 0.3085



52.6033, 0.2779, 0.4523



16.5886, 0.2784, 0.3050



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.



32.5491, 0.2192, 0.2485



40.3308, 0.2043, 0.2279



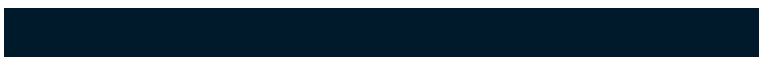
14.8156, 0.1957, 0.1461



13.2353, 0.2982, 0.3194



12.5330, 0.1870, 0.1931



0.9160, 0.1942, 0.2191

Inverse Universe

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



23.1001, 0.3874, 0.2368



28.1320, 0.4112, 0.2262



57.6610, 0.4085, 0.4615



12.5446, 0.3198, 0.3151



9.6101, 0.4532, 0.2270



0.5958, 0.4242, 0.2111

Previews

White Background



This preview shows how the Yxy color 32.5479, 0.2192, 0.2485 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 32.5479, 0.2192, 0.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

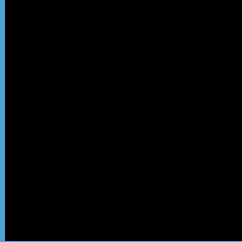
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

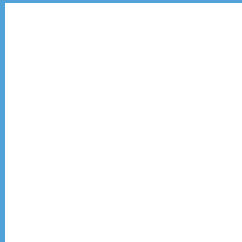
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.5479, 0.2192, 0.2485

Background



This preview shows how black text looks on a background with the Yxy color 32.5479, 0.2192, 0.2485.

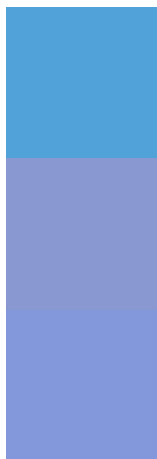


This preview shows how white text looks on a background with the Yxy color 32.5479, 0.2192, 0.2485.

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

32.5479, 0.2192, 0.2485

Protanopia

32.3289, 0.2544, 0.2498

Deuteranopia

32.2643, 0.2430, 0.2369



Tritanopia

32.4727, 0.2311, 0.3056

Trichromacy



Original Color

32.5479, 0.2192, 0.2485

Protanomaly

32.2620, 0.2393, 0.2492

Deuteranomaly

32.2314, 0.2328, 0.2413

Tritanomaly

32.4696, 0.2266, 0.2840

Monochromacy



Original Color

32.5479, 0.2192, 0.2485

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.1004, 0.2686, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5479, 0.2192, 0.2485 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(81, 162, 216)` looks like.

```
.text, #text, p{  
    color:rgb(81, 162, 216)  
}
```

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(81, 162, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 162, 216) }
```

Border

The CSS property to change the border of an element to Yxy 32.5479, 0.2192, 0.2485 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(81, 162, 216) }
```

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

```
.border{ border-color:rgb(81, 162, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 162, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 162, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 162, 216);  
box-shadow:4px 4px 4px 4px rgb(81, 162,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5479, 0.2192, 0.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 162, 216) }
```

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

```
.background{ background-color: rgb(81, 162,  
216) }
```

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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