

Converting Colors

$Yxy(33.0671, 0.2251, 0.2521)$

Have a look what the booklet for
Yxy(33.0671, 0.2251, 0.2521)
contains.

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Color

Yxy(32.9710, 0.2252, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	5CA2D6
RGB	92, 162, 214
RGB Percent	36%, 64%, 84%
CMY	0.6390, 0.3647, 0.1607
CMYK	0.57, 0.24, 0.00, 0.16
HSL	206°, 60%, 60%
HSV	206°, 57%, 84%
XYZ	29.4763, 32.9710, 68.4420
YIQ	146.9980, -58.4120, 1.3320

Conversions

Conversions Part 2

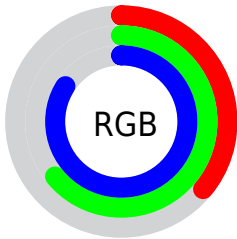
Format	Color
R _Y B	92, 136, 214
Decimal	6070998
CIE Lab	64.14, -6.98, -33.16
CIE LCh	64, 33.883, 258.111
Yxy	32.9710, 0.2252, 0.2519
Android (android.graphics.Color)	4284261078 (0xFF5CA2D6)
YUV	146.9980, 33.0320, -48.2332
Hunter-Lab	57.4204, -8.8542, -30.4762

Details

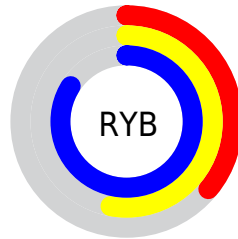
The Yxy color **32.9710, 0.2252, 0.2519** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **35.0401, 0.4431, 0.3915**, and the grayscale version is **29.0604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3297, 0.2490, 0.2844**, and **14.0315, 0.2004, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **28.9206, 0.2123, 0.2354**, and if you desaturate by 10%, it is **37.5685, 0.2395, 0.2678**.

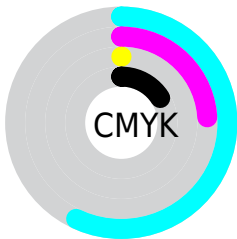
Distribution



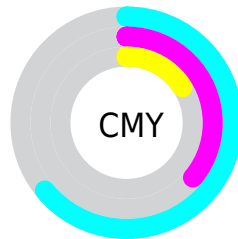
- Red (36%)
- Green (64%)
- Blue (84%)



- Red (36%)
- Yellow (53%)
- Blue (84%)



- Cyan (57%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9710, 0.2252, 0.2519 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 32.9710, 0.2252, 0.2519 by changing the saturation by 10% instead.

■ 32.9710, 0.2252,
0.2519

■ 32.9710, 0.2252,
0.2519

■ 315.5190, 0.2697,
0.2920

■ 22.1042, 0.2141,
0.2416

■ 64.3303, 0.2414,
0.2667

■ 13.9335, 0.2000,
0.2284

■ 85.5915, 0.2475,
0.2722

■ 8.0744, 0.1815,
0.2107

■ 111.0864, 0.2526,
0.2768

■ 4.1426, 0.1566,
0.1864

■ 141.1993, 0.2570,
0.2808

■ 1.7537, 0.1222,
0.1517

■ 176.3146, 0.2608,
0.2841

■ 0.4580, 0.0532,
0.0920

■ 216.8168, 0.2641,

■ 0.0000, 0.0000,

0.2871

0.0000

263.0901, 0.2671,
0.2897

■ 32.9710, 0.2252,
0.2519

■ 32.9710, 0.2252,
0.2519

■ 28.9206, 0.2123,
0.2354

■ 37.5685, 0.2395,
0.2678

■ 25.3820, 0.2012,
0.2187

■ 42.7382, 0.2547,
0.2829

■ 22.3196, 0.1923,
0.2022

■ 48.5075, 0.2704,
0.2970

■ 19.6868, 0.1856,
0.1863

■ 54.9006, 0.2863,
0.3098

■ 18.9566, 0.1838,
0.1815

■ 61.9401, 0.3020,
0.3215

■ 69.6474, 0.3172,
0.3320

■ 78.0427, 0.3319,
0.3414

■ 85.5453, 0.3400,
0.3500

■ 90.9079, 0.3386,
0.3588

Harmonies

Analogous

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



32.9710, 0.2169, 0.2796



32.9710, 0.2252, 0.2519



32.9710, 0.2548, 0.2450

Triad

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



32.9710, 0.2252, 0.2519



32.9710, 0.4006, 0.3226



32.9710, 0.3163, 0.4177

Complementary

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



32.9710, 0.2252, 0.2519



35.0401, 0.4431, 0.3915

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.



32.9710, 0.3674, 0.4242



32.9710, 0.2252, 0.2519



32.9710, 0.4189, 0.3644

Square

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



32.9710, 0.2252, 0.2519



32.9710, 0.3561, 0.2846



32.9710, 0.4058, 0.4020



32.9710, 0.2666, 0.3796

Rectangle

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



32.9710, 0.2252, 0.2519



32.9710, 0.2847, 0.2511



32.9710, 0.4058, 0.4020



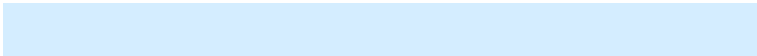
32.9710, 0.3339, 0.4237

Sweetspot

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



32.9722, 0.2252, 0.2519



81.4502, 0.2860, 0.3096



52.3602, 0.2783, 0.4361



17.0052, 0.2828, 0.3071



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.



32.9722, 0.2252, 0.2519



42.0604, 0.2103, 0.2326



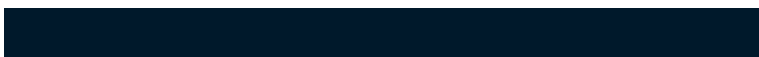
16.6771, 0.2056, 0.1608



13.1793, 0.2982, 0.3188



11.6659, 0.1844, 0.1838



0.8663, 0.1921, 0.2114

Inverse Universe

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



24.5693, 0.3825, 0.2467



30.5723, 0.4044, 0.2351



58.1899, 0.4000, 0.4543



12.5390, 0.3202, 0.3157



9.5225, 0.4640, 0.2330



0.5908, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 32.9710, 0.2252, 0.2519 looks on a white background.

Color Contrast Check

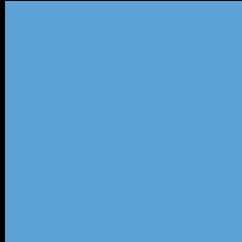
Large Text (above 18pt) WCAG AA × Fail

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 32.9710, 0.2252, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

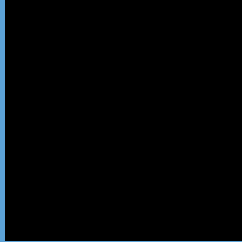
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

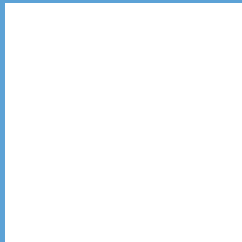
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.9710, 0.2252, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 32.9710, 0.2252, 0.2519.

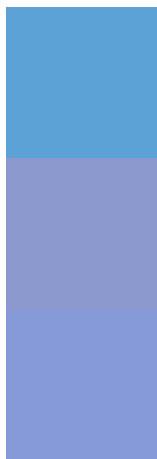


This preview shows how white text looks on a background with the Yxy color 32.9710, 0.2252, 0.2519.

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

32.9710, 0.2252, 0.2519

Protanopia

32.7764, 0.2568, 0.2527

Deuteranopia

32.8087, 0.2473, 0.2413



Tritanopia

33.0449, 0.2377, 0.3060

Trichromacy



Original Color

32.9710, 0.2252, 0.2519

Protanomaly

32.5677, 0.2432, 0.2511

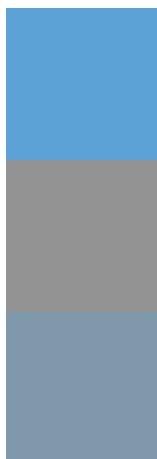
Deuteranomaly

32.6052, 0.2383, 0.2446

Tritanomaly

33.0523, 0.2329, 0.2847

Monochromacy



Original Color

32.9710, 0.2252, 0.2519

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.9088, 0.2730, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9710, 0.2252, 0.2519 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, 162, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 162, 214)  
}
```

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, 162, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 162, 214) }
```

Border

The CSS property to change the border of an element to Yxy 32.9710, 0.2252, 0.2519 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, 162, 214) }
```

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

```
.border{ border-color:rgb(92, 162, 214) }
```

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

Here you see how a box with a 4 pixel rgb(92, 162, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 162, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 162, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 162,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9710, 0.2252, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 162, 214) }
```

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

```
.background{ background-color: rgb(92, 162,  
214) }
```

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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