

Converting Colors

$Yxy(32.8906, 0.2264, 0.2102)$

Have a look what the booklet for
Yxy(32.8906, 0.2264, 0.2102)
contains.

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Color

Yxy(32.8291, 0.2259, 0.2095)

Conversions

Conversions Part 1

Format	Color
Hex	7C97F2
RGB	124, 151, 242
RGB Percent	49%, 59%, 95%
CMY	0.5139, 0.4078, 0.0510
CMYK	0.49, 0.38, 0.00, 0.05
HSL	226°, 82%, 72%
HSV	226°, 49%, 95%
XYZ	35.3990, 32.8291, 88.4740
YIQ	153.3010, -45.3030, 22.5770

Conversions

Conversions Part 2

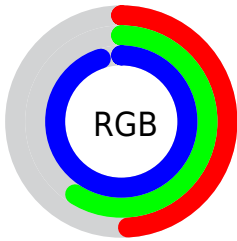
Format	Color
RYB	124, 146, 242
Decimal	8165362
CIELab	64.02, 14.82, -48.66
CIELCh	64, 50.866, 286.934
Yxy	32.8291, 0.2259, 0.2095
Android (android.graphics.Color)	4286355442 (0xFF7C97F2)
YUV	153.3010, 43.7286, -25.6970
Hunter-Lab	57.2967, 10.0116, -51.4443

Details

The Yxy color **32.8291, 0.2259, 0.2095** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.8944, 0.3974, 0.4243**, and the grayscale version is **31.8103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8277, 0.2651, 0.2725**, and **13.9340, 0.2017, 0.1803** is the 20% darker color. If you saturate the color by 10%, you get **25.7076, 0.2072, 0.1802**, and if you desaturate by 10%, it is **41.3448, 0.2452, 0.2381**.

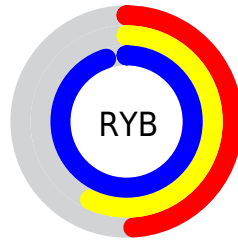
Distribution



Red (49%)

Green (59%)

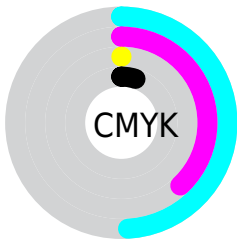
Blue (95%)



Red (49%)

Yellow (57%)

Blue (95%)

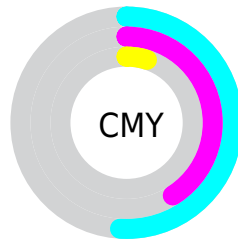


Cyan (49%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (51%)


Magenta (41%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8291, 0.2259, 0.2095 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 32.8291, 0.2259, 0.2095 by changing the saturation by 10% instead.


 32.8291, 0.2259,
0.2095

 32.8291, 0.2259,
0.2095


314.8789, 0.2702,
0.2677

 21.9956, 0.2150,
0.1959


 64.1086, 0.2420,
0.2300

 13.8536, 0.2012,
0.1791


 85.3234, 0.2480,
0.2380

 8.0189, 0.1834,
0.1580


 110.7674, 0.2532,
0.2447

 4.1071, 0.1598,
0.1313

140.8249, 0.2576,
0.2506

 1.7336, 0.1282,
0.0974

175.8805, 0.2614,
0.2557

 0.4453, 0.0866,
0.0491

216.3184, 0.2647,

 0.0000, 0.0000,

0.2602

0.0000

262.5231, 0.2676,
0.2642

■ 32.8291, 0.2259,
0.2095

■ 32.8291, 0.2259,
0.2095

■ 25.7076, 0.2072,
0.1802

■ 41.3448, 0.2452,
0.2381

■ 19.8993, 0.1899,
0.1515

■ 51.3226, 0.2642,
0.2650

■ 15.3198, 0.1754,
0.1249

■ 62.8296, 0.2822,
0.2896

■ 11.8720, 0.1643,
0.1021

■ 75.9279, 0.2991,
0.3117

■ 9.4322, 0.1570,
0.0843

■ 90.6761, 0.3145,
0.3312

■ 9.1905, 0.1563,
0.0825

■ 99.1908, 0.3203,
0.3415

Harmonies

Analogous

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



32.8291, 0.1870, 0.2178



32.8291, 0.2259, 0.2095



32.8291, 0.2918, 0.2259

Triad

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



32.8291, 0.2259, 0.2095



32.8291, 0.4708, 0.3714



32.8291, 0.2451, 0.4106

Complementary

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



32.8291, 0.2259, 0.2095



68.8944, 0.3974, 0.4243

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.



32.8291, 0.3168, 0.4692



32.8291, 0.2259, 0.2095



32.8291, 0.4491, 0.4282

Square

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



32.8291, 0.2259, 0.2095



32.8291, 0.4432, 0.3138



32.8291, 0.3914, 0.4698



32.8291, 0.1955, 0.3246

Rectangle

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



32.8291, 0.2259, 0.2095



32.8291, 0.3460, 0.2485



32.8291, 0.3914, 0.4698



32.8291, 0.2673, 0.4356

Sweetspot

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



32.8303, 0.2259, 0.2095



76.0663, 0.2887, 0.2981



72.6629, 0.2611, 0.3631



15.6330, 0.2851, 0.2933



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.



32.8303, 0.2259, 0.2095



28.6762, 0.2065, 0.1791



27.8228, 0.2422, 0.1829



15.8168, 0.2980, 0.3102



5.1072, 0.1569, 0.0849



0.5709, 0.1636, 0.1088

Inverse Universe

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



35.5133, 0.4171, 0.2998



33.1373, 0.4537, 0.2953



78.7354, 0.3615, 0.4582



15.8182, 0.3257, 0.3236



10.3089, 0.5992, 0.3074



0.8723, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 32.8291, 0.2259, 0.2095 looks on a white background.

Color Contrast Check

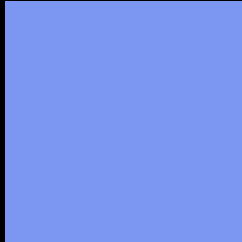
Large Text (above 18pt) WCAG AA × Fail

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 32.8291, 0.2259, 0.2095 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 32.8291, 0.2259, 0.2095

Background



This preview shows how black text looks on a background with the Yxy color 32.8291, 0.2259, 0.2095.



This preview shows how white text looks on a background with the Yxy color 32.8291, 0.2259, 0.2095.

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

32.8291, 0.2259, 0.2095

Protanopia

32.9925, 0.2239, 0.2094

Deuteranopia

33.0448, 0.2191, 0.2135



Tritanopia

32.7083, 0.2531, 0.3064

Trichromacy



Original Color

32.8291, 0.2259, 0.2095

Protanomaly

33.0651, 0.2245, 0.2095

Deuteranomaly

33.0395, 0.2215, 0.2129

Tritanomaly

32.3928, 0.2421, 0.2659

Monochromacy



Original Color

32.8291, 0.2259, 0.2095

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.7100, 0.2750, 0.2801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8291, 0.2259, 0.2095 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(124, 151, 242)` looks like.

```
.text, #text, p{  
    color:rgb(124, 151, 242)  
}
```

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(124, 151, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 151, 242) }
```

Border

The CSS property to change the border of an element to Yxy 32.8291, 0.2259, 0.2095 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(124, 151, 242) }
```

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

```
.border{ border-color:rgb(124, 151, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 151, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 151, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 151, 242);  
box-shadow:4px 4px 4px 4px rgb(124, 151,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8291, 0.2259, 0.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 151, 242) }
```

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

```
.background{ background-color: rgb(124,  
151, 242) }
```

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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