

Converting Colors

$Y_{xy}(22.3090, 0.2132, 0.1970)$

Have a look what the booklet for
Yxy(22.3090, 0.2132, 0.1970)
contains.

Yxy(22.3091, 0.2134, 0.1972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.3091, 0.2134, 0.1972)

Conversions

Conversions Part 1

Format	Color
Hex	5C7FD6
RGB	92, 127, 214
RGB Percent	36%, 50%, 84%
CMY	0.6393, 0.5020, 0.1606
CMYK	0.57, 0.41, 0.00, 0.16
HSL	223°, 60%, 60%
HSV	223°, 57%, 84%
XYZ	24.1418, 22.3091, 66.6784
YIQ	126.4530, -48.7870, 19.6370

Conversions

Conversions Part 2

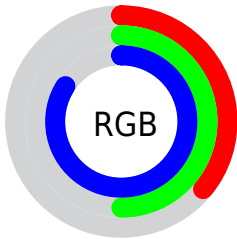
Format	Color
R _Y B	92, 119, 214
Decimal	6062038
CIE Lab	54.35, 13.40, -48.54
CIE LCh	54, 50.357, 285.436
Yxy	22.3091, 0.2134, 0.1972
Android (android.graphics.Color)	4284252118 (0xFF5C7FD6)
YUV	126.4530, 43.1607, -30.2153
Hunter-Lab	47.2325, 8.5792, -50.6373

Details

The Yxy color **22.3091, 0.2134, 0.1972** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **47.3171, 0.4165, 0.4304**, and the grayscale version is **20.8871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9442, 0.2413, 0.2372**, and **8.2546, 0.1817, 0.1602** is the 20% darker color. If you saturate the color by 10%, you get **17.7113, 0.1966, 0.1700**, and if you desaturate by 10%, it is **27.8168, 0.2315, 0.2243**.

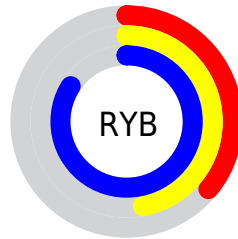
Distribution



Red (36%)

Green (50%)

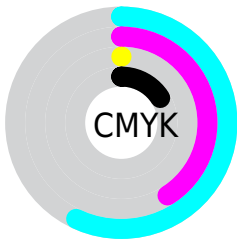
Blue (84%)



Red (36%)

Yellow (47%)

Blue (84%)

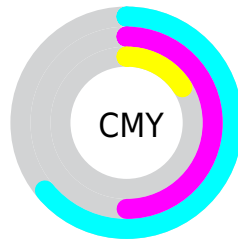


Cyan (57%)

Magenta (41%)

Yellow (0%)

Black (16%)



Cyan (64%)

Magenta (50%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3091, 0.2134, 0.1972 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 22.3091, 0.2134, 0.1972 by changing the saturation by 10% instead.

■ 22.3091, 0.2134,
0.1972

■ 22.3091, 0.2134,
0.1972

264.1562, 0.2667,
0.2648

■ 14.0842, 0.1995,
0.1805

■ 47.2563, 0.2333,
0.2218

■ 8.1792, 0.1816,
0.1596

■ 64.7475, 0.2407,
0.2311

■ 4.2099, 0.1580,
0.1331

■ 86.0961, 0.2468,
0.2389

■ 1.7916, 0.1265,
0.0993

■ 111.6867, 0.2520,
0.2456

■ 0.4820, 0.0851,
0.0522

141.9036, 0.2565,
0.2514

■ 0.0000, 0.0000,
0.0000

177.1313, 0.2603,

0.2565

217.7540, 0.2637,
0.2609

■ 22.3091, 0.2134,
0.1972

■ 22.3091, 0.2134,
0.1972

■ 17.7113, 0.1966,
0.1700

■ 27.8168, 0.2315,
0.2243

■ 13.9674, 0.1819,
0.1440

■ 34.2810, 0.2500,
0.2503

■ 11.0178, 0.1701,
0.1204

■ 41.7478, 0.2682,
0.2745

■ 8.7894, 0.1618,
0.1004


■ 50.2592, 0.2856,
0.2966

■ 8.2404, 0.1598,
0.0952

■ 59.8549, 0.3020,
0.3164

 70.5723, 0.3171,
0.3340

 82.4472, 0.3308,
0.3494

 93.9250, 0.3378,
0.3635

 97.6371, 0.3369,
0.3690

Harmonies

Analogous

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



22.3091, 0.1729, 0.2068



22.3091, 0.2134, 0.1972



22.3091, 0.2844, 0.2140

Triad

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



22.3091, 0.2134, 0.1972



22.3091, 0.4894, 0.3699



22.3091, 0.2397, 0.4266

Complementary

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



22.3091, 0.2134, 0.1972



47.3171, 0.4165, 0.4304

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.



22.3091, 0.3195, 0.4904



22.3091, 0.2134, 0.1972



22.3091, 0.4657, 0.4333

Square

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



22.3091, 0.2134, 0.1972



22.3091, 0.4565, 0.3077



22.3091, 0.4019, 0.4843



22.3091, 0.1844, 0.3274

Rectangle

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



22.3091, 0.2134, 0.1972



22.3091, 0.3447, 0.2378



22.3091, 0.4019, 0.4843



22.3091, 0.2646, 0.4549

Sweetspot

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



22.3098, 0.2134, 0.1972



74.5254, 0.2854, 0.2963



53.5781, 0.2598, 0.3820



15.3755, 0.2819, 0.2920



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.



22.3098, 0.2134, 0.1972



25.3266, 0.1940, 0.1656



16.2450, 0.2211, 0.1547



12.5834, 0.2982, 0.3119



5.1339, 0.1605, 0.0977



0.4508, 0.1701, 0.1323

Inverse Universe

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



23.4832, 0.4337, 0.2877



28.8830, 0.4747, 0.2836



59.7846, 0.3738, 0.4742



12.4788, 0.3246, 0.3223



8.8631, 0.5794, 0.2965



0.5488, 0.5294, 0.2690

Previews

White Background



This preview shows how the Yxy color 22.3091, 0.2134, 0.1972 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3091, 0.2134, 0.1972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

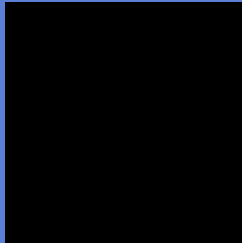
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3091, 0.2134, 0.1972

Background



This preview shows how black text looks on a background with the Yxy color 22.3091, 0.2134, 0.1972.



This preview shows how white text looks on a background with the Yxy color 22.3091, 0.2134, 0.1972.

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

22.3091, 0.2134, 0.1972

Protanopia

22.4135, 0.2146, 0.1976

Deuteranopia

22.3059, 0.2064, 0.2004



Tritanopia

22.2165, 0.2389, 0.3058

Trichromacy



Original Color

22.3091, 0.2134, 0.1972

Protanomaly

22.3609, 0.2140, 0.1974

Deuteranomaly

22.2984, 0.2090, 0.1997

Tritanomaly

21.9596, 0.2277, 0.2580

Monochromacy



Original Color

22.3091, 0.2134, 0.1972

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.9677, 0.2677, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3091, 0.2134, 0.1972 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, 127, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 127, 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, 127, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 214) }
```

Border

The CSS property to change the border of an element to Yxy 22.3091, 0.2134, 0.1972 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, 127, 214) }
```

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

```
.border{ border-color:rgb(92, 127, 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, 127, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3091, 0.2134, 0.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 214) }
```

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

```
.background{ background-color: rgb(92, 127,  
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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