

Converting Colors

$Y_{xy}(22.6092, 0.2218, 0.2156)$

Have a look what the booklet for
Yxy(22.6092, 0.2218, 0.2156)
contains.

Yxy(22.6092, 0.2218, 0.2156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.6092, 0.2218, 0.2156)

Conversions

Conversions Part 1

Format	Color
Hex	5E82CA
RGB	94, 130, 202
RGB Percent	37%, 51%, 79%
CMY	0.6312, 0.4902, 0.2080
CMYK	0.53, 0.36, 0.00, 0.21
HSL	220°, 50%, 58%
HSV	220°, 53%, 79%
XYZ	23.2594, 22.6092, 58.9978
YIQ	127.4440, -44.5680, 14.7600

Conversions

Conversions Part 2

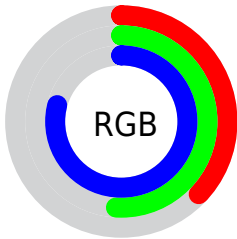
Format	Color
R _Y B	94, 121, 202
Decimal	6193866
CIE Lab	54.67, 8.14, -41.21
CIE LCh	55, 42.007, 281.178
Yxy	22.6092, 0.2218, 0.2156
Android (android.graphics.Color)	4284383946 (0xFF5E82CA)
YUV	127.4440, 36.7561, -29.3304
Hunter-Lab	47.5491, 4.1050, -40.2812

Details

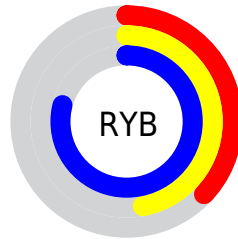
The Yxy color **22.6092, 0.2218, 0.2156** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **40.6386, 0.4125, 0.4190**, and the grayscale version is **21.2696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6663, 0.2427, 0.2423**, and **8.2985, 0.1921, 0.1810** is the 20% darker color. If you saturate the color by 10%, you get **18.3263, 0.2050, 0.1900**, and if you desaturate by 10%, it is **27.6420, 0.2395, 0.2406**.

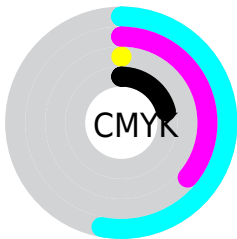
Distribution



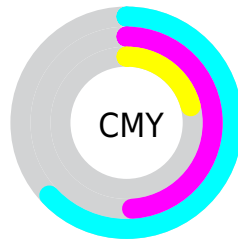
- Red (37%)
- Green (51%)
- Blue (79%)



- Red (37%)
- Yellow (47%)
- Blue (79%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6092, 0.2218, 0.2156 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 22.6092, 0.2218, 0.2156 by changing the saturation by 10% instead.

■ 22.6092, 0.2218,
0.2156

■ 22.6092, 0.2218,
0.2156

265.7114, 0.2708,
0.2751

■ 14.3052, 0.2088,
0.2003

■ 47.7508, 0.2403,
0.2376

■ 8.3333, 0.1918,
0.1808

■ 65.3573, 0.2470,
0.2458

■ 4.3089, 0.1689,
0.1551

■ 86.8333, 0.2527,
0.2527

■ 1.8478, 0.1375,
0.1209

■ 112.5633, 0.2574,
0.2585

■ 0.5167, 0.0935,
0.0700

142.9318, 0.2615,
0.2635

■ 0.0000, 0.0000,
0.0000

178.3230, 0.2650,

0.2679

219.1214, 0.2681,
0.2717

■ 22.6092, 0.2218,
0.2156

■ 22.6092, 0.2218,
0.2156

■ 18.3263, 0.2050,
0.1900

■ 27.6420, 0.2395,
0.2406

■ 14.7506, 0.1900,
0.1647

■ 33.4594, 0.2574,
0.2642

■ 11.8380, 0.1774,
0.1407

■ 40.0964, 0.2750,
0.2860

■ 9.5369, 0.1679,
0.1193

■ 47.5851, 0.2918,
0.3057

■ 8.3120, 0.1630,
0.1069

■ 55.9559, 0.3075,
0.3234

■ 65.2374, 0.3222,
0.3390

■ 75.4571, 0.3356,
0.3528

■ 86.5236, 0.3475,
0.3649

■ 94.6505, 0.3449,
0.3776

Harmonies

Analogous

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



22.6092, 0.1898, 0.2289



22.6092, 0.2218, 0.2156



22.6092, 0.2798, 0.2268

Triad

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



22.6092, 0.2218, 0.2156



22.6092, 0.4596, 0.3596



22.6092, 0.2615, 0.4186

Complementary

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



22.6092, 0.2218, 0.2156



40.6386, 0.4125, 0.4190

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.



22.6092, 0.3313, 0.4637



22.6092, 0.2218, 0.2156



22.6092, 0.4483, 0.4139

Square

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



22.6092, 0.2218, 0.2156



22.6092, 0.4246, 0.3053



22.6092, 0.3998, 0.4562



22.6092, 0.2093, 0.3405

Rectangle

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



22.6092, 0.2218, 0.2156



22.6092, 0.3292, 0.2460



22.6092, 0.3998, 0.4562



22.6092, 0.2837, 0.4392

Sweetspot

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



22.6100, 0.2218, 0.2156



76.9194, 0.2872, 0.3004



47.3630, 0.2642, 0.3836



15.8898, 0.2837, 0.2964



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.



22.6100, 0.2218, 0.2156



30.0963, 0.2027, 0.1863



15.7221, 0.2251, 0.1658



11.4445, 0.2983, 0.3131



5.4976, 0.1637, 0.1093



0.4229, 0.1749, 0.1495

Inverse Universe

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



22.1769, 0.4138, 0.2834



30.9604, 0.4495, 0.2769



53.2255, 0.3739, 0.4639



11.2743, 0.3239, 0.3213



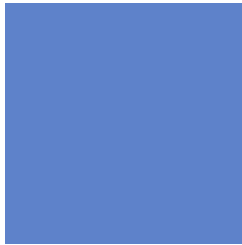
8.3580, 0.5621, 0.2870



0.4452, 0.5065, 0.2564

Previews

White Background



This preview shows how the Yxy color 22.6092, 0.2218, 0.2156 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 22.6092, 0.2218, 0.2156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

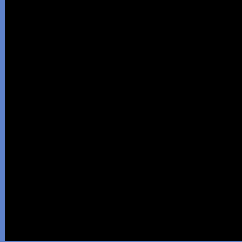
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6092, 0.2218, 0.2156

Background



This preview shows how black text looks on a background with the Yxy color 22.6092, 0.2218, 0.2156.



This preview shows how white text looks on a background with the Yxy color 22.6092, 0.2218, 0.2156.

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

22.6092, 0.2218, 0.2156

Protanopia

22.5515, 0.2290, 0.2165

Deuteranopia

22.5567, 0.2211, 0.2154



Tritanopia

22.5597, 0.2446, 0.3061

Trichromacy



Original Color

22.6092, 0.2218, 0.2156

Protanomaly

22.6269, 0.2260, 0.2162

Deuteranomaly

22.5567, 0.2211, 0.2154

Tritanomaly

22.3496, 0.2357, 0.2683

Monochromacy



Original Color

22.6092, 0.2218, 0.2156

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.4163, 0.2726, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6092, 0.2218, 0.2156 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(94, 130, 202)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 202)  
}
```

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(94, 130, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 202) }
```

Border

The CSS property to change the border of an element to Yxy 22.6092, 0.2218, 0.2156 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(94, 130, 202) }
```

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

```
.border{ border-color:rgb(94, 130, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 130, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 202);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6092, 0.2218, 0.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 202) }
```

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

```
.background{ background-color: rgb(94, 130,  
202) }
```

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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