

Converting Colors

$Y_{xy}(25.0236, 0.2195, 0.2439)$

Have a look what the booklet for
Yxy(25.0236, 0.2195, 0.2439)
contains.

Yxy(25.0809, 0.2193, 0.2437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.0809, 0.2193, 0.2437)

Conversions

Conversions Part 1

Format	Color
Hex	4B8FC3
RGB	75, 143, 195
RGB Percent	29%, 56%, 76%
CMY	0.7060, 0.4392, 0.2354
CMYK	0.62, 0.27, 0.00, 0.24
HSL	206°, 50%, 53%
HSV	206°, 62%, 76%
XYZ	22.5697, 25.0809, 55.2665
YIQ	128.5960, -57.2200, 1.7560

Conversions

Conversions Part 2

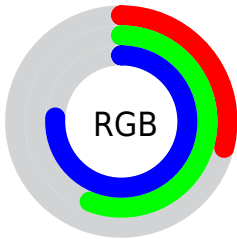
Format	Color
R _Y B	75, 118, 195
Decimal	4952003
CIE Lab	57.15, -5.70, -33.41
CIE LCh	57, 33.892, 260.323
Yxy	25.0809, 0.2193, 0.2437
Android (android.graphics.Color)	4283142083 (0xFF4B8FC3)
YUV	128.5960, 32.7372, -47.0037
Hunter-Lab	50.0808, -7.1976, -30.3726

Details

The Yxy color **25.0809, 0.2193, 0.2437** 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 **27.2667, 0.4551, 0.3959**, and the grayscale version is **21.7005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0291, 0.2380, 0.2614**, and **9.7518, 0.1934, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **21.9724, 0.2071, 0.2269**, and if you desaturate by 10%, it is **28.6228, 0.2331, 0.2601**.

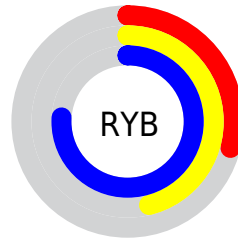
Distribution



Red (29%)

Green (56%)

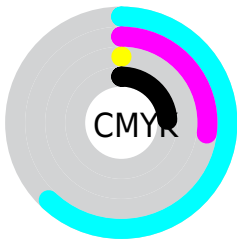
Blue (76%)



Red (29%)

Yellow (46%)

Blue (76%)

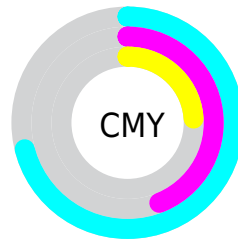


Cyan (62%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (71%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0809, 0.2193, 0.2437 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 25.0809, 0.2193, 0.2437 by changing the saturation by 10% instead.

■ 25.0809, 0.2193,
0.2437

■ 25.0809, 0.2193,
0.2437

■ 278.2406, 0.2687,
0.2897

■ 16.1373, 0.2064,
0.2314

■ 51.7884, 0.2377,
0.2611

■ 9.6214, 0.1896,
0.2152

■ 70.3212, 0.2445,
0.2674

■ 5.1487, 0.1672,
0.1931

■ 92.8192, 0.2502,
0.2727

■ 2.3347, 0.1363,
0.1620

■ 119.6667, 0.2550,
0.2772

■ 0.7920, 0.0906,
0.1169

■ 151.2482, 0.2592,
0.2810

■ 0.0000, 0.0000,
0.0000

187.9481, 0.2628,

0.2843

230.1508, 0.2659,
0.2871

■ 25.0809, 0.2193,
0.2437

■ 25.0809, 0.2193,
0.2437

■ 21.9724, 0.2071,
0.2269

■ 28.6228, 0.2331,
0.2601

■ 19.2677, 0.1968,
0.2101

■ 32.6193, 0.2479,
0.2757

■ 16.9360, 0.1888,
0.1936

■ 37.0933, 0.2635,
0.2904

■ 15.2104, 0.1834,
0.1802

■ 42.0647, 0.2793,
0.3039

■ 47.5523, 0.2950,
0.3162

■ 53.5738, 0.3104,
0.3274

■ 60.1458, 0.3252,
0.3373

■ 67.2841, 0.3394,
0.3462

■ 75.0040, 0.3528,
0.3539

Harmonies

Analogous

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



25.0809, 0.2086, 0.2716



25.0809, 0.2193, 0.2437



25.0809, 0.2527, 0.2382

Triad

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



25.0809, 0.2193, 0.2437



25.0809, 0.4117, 0.3247



25.0809, 0.3118, 0.4251

Complementary

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



25.0809, 0.2193, 0.2437



27.2667, 0.4551, 0.3959

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.



25.0809, 0.3681, 0.4341



25.0809, 0.2193, 0.2437



25.0809, 0.4291, 0.3699

Square

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



25.0809, 0.2193, 0.2437



25.0809, 0.3643, 0.2834



25.0809, 0.4118, 0.4106



25.0809, 0.2585, 0.3807

Rectangle

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



25.0809, 0.2193, 0.2437



25.0809, 0.2859, 0.2459



25.0809, 0.4118, 0.4106



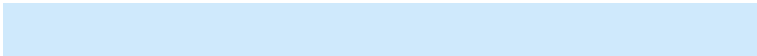
25.0809, 0.3310, 0.4323

Sweetspot

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



25.0818, 0.2193, 0.2437



78.4736, 0.2844, 0.3081



41.9937, 0.2771, 0.4457



16.5659, 0.2797, 0.3043



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.



25.0818, 0.2193, 0.2437



37.5407, 0.2032, 0.2209



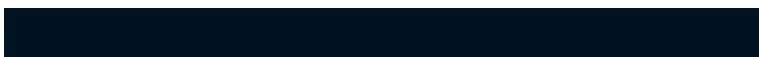
11.9250, 0.1975, 0.1472



10.6744, 0.2984, 0.3188



10.0583, 0.1840, 0.1823



0.5695, 0.1940, 0.2183

Inverse Universe

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



18.6097, 0.3914, 0.2430



27.5954, 0.4180, 0.2324



46.7938, 0.4054, 0.4614



10.1714, 0.3202, 0.3160



8.2976, 0.4658, 0.2340



0.3721, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 25.0809, 0.2193, 0.2437 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 25.0809, 0.2193, 0.2437 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 25.0809, 0.2193, 0.2437

Background



This preview shows how black text looks on a background with the Yxy color 25.0809, 0.2193, 0.2437.

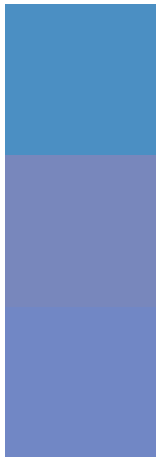


This preview shows how white text looks on a background with the Yxy color 25.0809, 0.2193, 0.2437.

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

25.0809, 0.2193, 0.2437

Protanopia

24.9519, 0.2511, 0.2459

Deuteranopia

24.8699, 0.2395, 0.2331



Tritanopia

24.9979, 0.2329, 0.3066

Trichromacy



Original Color

25.0809, 0.2193, 0.2437

Protanomaly

24.8816, 0.2375, 0.2442

Deuteranomaly

24.8151, 0.2310, 0.2369

Tritanomaly

25.0084, 0.2278, 0.2827

Monochromacy



Original Color

25.0809, 0.2193, 0.2437

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6013, 0.2687, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0809, 0.2193, 0.2437 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(75, 143, 195)` looks like.

```
.text, #text, p{  
    color:rgb(75, 143, 195)  
}
```

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(75, 143, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 143, 195) }
```

Border

The CSS property to change the border of an element to Yxy 25.0809, 0.2193, 0.2437 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(75, 143, 195) }
```

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

```
.border{ border-color:rgb(75, 143, 195) }
```

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

Here you see how a box with a 4 pixel rgb(75, 143, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 143, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 143, 195);  
box-shadow:4px 4px 4px 4px rgb(75, 143,  
195) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 25.0809, 0.2193, 0.2437$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 143, 195) }
```

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

```
.background{ background-color: rgb(75, 143,  
195) }
```

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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