

Converting Colors

$Y_{xy}(25.2125, 0.2140, 0.2328)$

Have a look what the booklet for
Yxy(25.2125, 0.2140, 0.2328)
contains.

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Color

Yxy(25.3344, 0.2140, 0.2329)

Conversions

Conversions Part 1

Format	Color
Hex	488FCB
RGB	72, 143, 203
RGB Percent	28%, 56%, 80%
CMY	0.7174, 0.4392, 0.2039
CMYK	0.64, 0.30, 0.00, 0.20
HSL	208°, 56%, 54%
HSV	208°, 64%, 80%
XYZ	23.2785, 25.3344, 60.1651
YIQ	128.6110, -61.5760, 3.6080

Conversions

Conversions Part 2

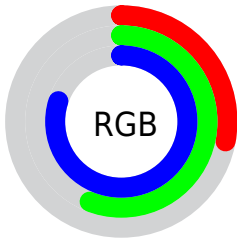
Format	Color
R_{YB}	72, 118, 203
Decimal	4755403
CIE _{Lab}	57.40, -3.55, -37.57
CIE _{LCh}	57, 37.735, 264.605
Yxy	25.3344, 0.2140, 0.2329
Android (android.graphics.Color)	4282945483 (0xFF488FCB)
YUV	128.6110, 36.6738, -49.6478
Hunter-Lab	50.3333, -5.5293, -35.6381

Details

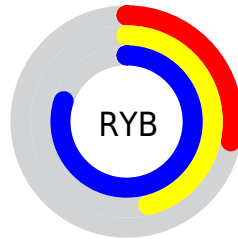
The Yxy color **25.3344, 0.2140, 0.2329** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **29.6920, 0.4614, 0.4021**, and the grayscale version is **21.7024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0580, 0.2356, 0.2580**, and **9.9986, 0.1898, 0.2032** is the 20% darker color. If you saturate the color by 10%, you get **22.0001, 0.2020, 0.2150**, and if you desaturate by 10%, it is **29.1598, 0.2277, 0.2505**.

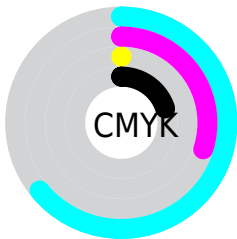
Distribution



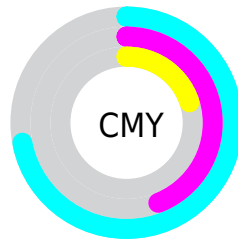
- Red (28%)
- Green (56%)
- Blue (80%)



- Red (28%)
- Yellow (46%)
- Blue (80%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (72%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3344, 0.2140, 0.2329 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 25.3344, 0.2140, 0.2329 by changing the saturation by 10% instead.

■ 25.3344, 0.2140,
0.2329

■ 25.3344, 0.2140,
0.2329

■ 279.4992, 0.2659,
0.2840

■ 16.3264, 0.2006,
0.2195

■ 52.1992, 0.2333,
0.2520

■ 9.7554, 0.1834,
0.2022

■ 70.8248, 0.2404,
0.2590

■ 5.2371, 0.1606,
0.1790

■ 93.4249, 0.2464,
0.2649

■ 2.3870, 0.1298,
0.1472

■ 120.3842, 0.2514,
0.2699

■ 0.8192, 0.0871,
0.1031

■ 152.0868, 0.2558,
0.2742

■ 0.0000, 0.0000,
0.0000

188.9173, 0.2596,

0.2779

231.2599, 0.2629,
0.2811

■ 25.3344, 0.2140,
0.2329

■ 25.3344, 0.2140,
0.2329

■ 22.0001, 0.2020,
0.2150

■ 29.1598, 0.2277,
0.2505

■ 19.1222, 0.1920,
0.1972

■ 33.5019, 0.2427,
0.2674

■ 16.6637, 0.1843,
0.1801

■ 38.3872, 0.2584,
0.2834

■ 15.4545, 0.1808,
0.1709

■ 43.8393, 0.2744,
0.2982

■ 49.8799, 0.2903,
0.3117

■ 56.5297, 0.3059,
0.3239

■ 63.8080, 0.3209,
0.3349

■ 71.7335, 0.3352,
0.3445

■ 80.3235, 0.3488,
0.3531

Harmonies

Analogous

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



25.3344, 0.1987, 0.2592



25.3344, 0.2140, 0.2329



25.3344, 0.2535, 0.2307

Triad

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



25.3344, 0.2140, 0.2329



25.3344, 0.4278, 0.3305



25.3344, 0.3020, 0.4318

Complementary

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



25.3344, 0.2140, 0.2329



29.6920, 0.4614, 0.4021

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.



25.3344, 0.3646, 0.4469



25.3344, 0.2140, 0.2329



25.3344, 0.4410, 0.3797

Square

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



25.3344, 0.2140, 0.2329



25.3344, 0.3787, 0.2846



25.3344, 0.4162, 0.4235



25.3344, 0.2454, 0.3773

Rectangle

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



25.3344, 0.2140, 0.2329



25.3344, 0.2915, 0.2410



25.3344, 0.4162, 0.4235



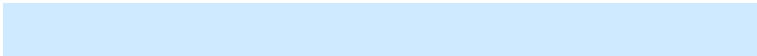
25.3344, 0.3230, 0.4418

Sweetspot

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



25.3353, 0.2140, 0.2329



78.5813, 0.2827, 0.3055



45.7330, 0.2740, 0.4454



16.1997, 0.2781, 0.3015



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.



25.3353, 0.2140, 0.2329



35.0503, 0.1982, 0.2087



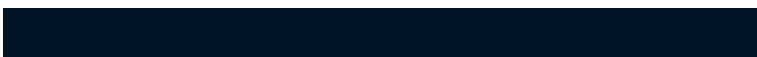
11.2301, 0.1903, 0.1317



11.8339, 0.2983, 0.3181



10.0189, 0.1815, 0.1732



0.6676, 0.1907, 0.2063

Inverse Universe

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



19.3245, 0.4026, 0.2438



27.0688, 0.4316, 0.2357



52.8526, 0.4060, 0.4701



11.3136, 0.3207, 0.3165



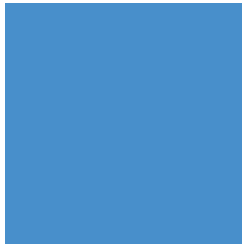
8.8144, 0.4768, 0.2400



0.4699, 0.4382, 0.2188

Previews

White Background



This preview shows how the Yxy color 25.3344, 0.2140, 0.2329 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 25.3344, 0.2140, 0.2329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

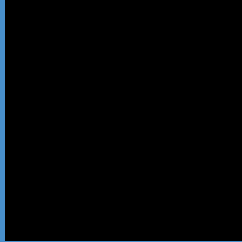
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3344, 0.2140, 0.2329

Background



This preview shows how black text looks on a background with the Yxy color 25.3344, 0.2140, 0.2329.



This preview shows how white text looks on a background with the Yxy color 25.3344, 0.2140, 0.2329.

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

25.3344, 0.2140, 0.2329

Protanopia

25.0954, 0.2432, 0.2351

Deuteranopia

25.1419, 0.2306, 0.2239



Tritanopia

25.4557, 0.2288, 0.3067

Trichromacy



Original Color

25.3344, 0.2140, 0.2329

Protanomaly

25.0672, 0.2306, 0.2334

Deuteranomaly

25.2046, 0.2237, 0.2278

Tritanomaly

25.2937, 0.2224, 0.2762

Monochromacy



Original Color

25.3344, 0.2140, 0.2329

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6386, 0.2652, 0.2899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3344, 0.2140, 0.2329 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(72, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(72, 143, 203)  
}
```

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(72, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 143, 203) }
```

Border

The CSS property to change the border of an element to Yxy 25.3344, 0.2140, 0.2329 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(72, 143, 203) }
```

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

```
.border{ border-color:rgb(72, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(72, 143,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3344, 0.2140, 0.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 143, 203) }
```

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

```
.background{ background-color: rgb(72, 143,  
203) }
```

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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