

Converting Colors

$Y_{xy}(25.6067, 0.2079, 0.2263)$

Have a look what the booklet for
Yxy(25.6067, 0.2079, 0.2263)
contains.

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Color

$\text{Yxy}(25.6067, 0.2079, 0.2263)$

Conversions

Conversions Part 1

Format	Color
Hex	3F90D1
RGB	63, 144, 209
RGB Percent	25%, 56%, 82%
CMY	0.7535, 0.4352, 0.1804
CMYK	0.70, 0.31, 0.00, 0.18
HSL	207°, 61%, 53%
HSV	207°, 70%, 82%
XYZ	23.5247, 25.6067, 64.0224
YIQ	127.1910, -69.1410, 3.0430

Conversions

Conversions Part 2

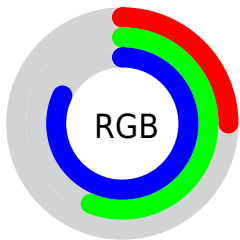
Format	Color
R_{YB}	63, 115, 209
Decimal	4165841
CIE _{Lab}	57.66, -3.58, -40.55
CIE _{LCh}	58, 40.708, 264.957
Yxy	25.6067, 0.2079, 0.2263
Android (android.graphics.Color)	4282355921 (0xFF3F90D1)
YUV	127.1910, 40.3318, -56.2955
Hunter-Lab	50.6031, -5.5732, -39.5909

Details

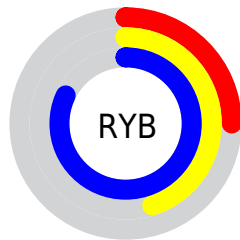
The Yxy color **25.6067, 0.2079, 0.2263** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **29.3105, 0.4799, 0.4032**, and the grayscale version is **21.1581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0438, 0.2330, 0.2588**, and **10.3385, 0.1883, 0.1980** is the 20% darker color. If you saturate the color by 10%, you get **22.3460, 0.1972, 0.2089**, and if you desaturate by 10%, it is **29.3618, 0.2206, 0.2436**.

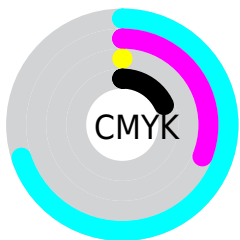
Distribution



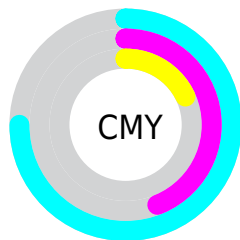
- Red (25%)
- Green (56%)
- Blue (82%)



- Red (25%)
- Yellow (45%)
- Blue (82%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (75%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6067, 0.2079, 0.2263 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 25.6067, 0.2079, 0.2263 by changing the saturation by 10% instead.

■ 25.6067, 0.2079,
0.2263

■ 25.6067, 0.2079,
0.2263

■ 280.8460, 0.2626,
0.2805

■ 16.5296, 0.1940,
0.2123

■ 52.6398, 0.2281,
0.2464

■ 9.8997, 0.1762,
0.1943

■ 71.3646, 0.2356,
0.2539

■ 5.3325, 0.1530,
0.1705

■ 94.0741, 0.2419,
0.2601

■ 2.4437, 0.1222,
0.1385

■ 121.1527, 0.2473,
0.2655

■ 0.8482, 0.0808,
0.0954

■ 152.9848, 0.2519,
0.2700

■ 0.0000, 0.0000,
0.0000

189.9548, 0.2559,

0.2740

232.4471, 0.2594,
0.2774

■ 25.6067, 0.2079,
0.2263

■ 25.6067, 0.2079,
0.2263

■ 22.3460, 0.1972,
0.2089

■ 29.3618, 0.2206,
0.2436

■ 19.5400, 0.1886,
0.1919

■ 33.6405, 0.2347,
0.2604

■ 17.1269, 0.1821,
0.1755

■ 38.4722, 0.2499,
0.2764

■ 17.1088, 0.1821,
0.1754

■ 43.8827, 0.2657,
0.2914

■ 49.8959, 0.2817,
0.3052

■ 56.5343, 0.2975,
0.3178

■ 63.8188, 0.3128,
0.3291

■ 71.7693, 0.3276,
0.3391

■ 80.4050, 0.3417,
0.3481

Harmonies

Analogous

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



25.6067, 0.1915, 0.2534



25.6067, 0.2079, 0.2263



25.6067, 0.2499, 0.2245

Triad

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



25.6067, 0.2079, 0.2263



25.6067, 0.4369, 0.3305



25.6067, 0.2998, 0.4400

Complementary

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



25.6067, 0.2079, 0.2263



29.3105, 0.4799, 0.4032

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.



25.6067, 0.3668, 0.4560



25.6067, 0.2079, 0.2263



25.6067, 0.4501, 0.3827

Square

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



25.6067, 0.2079, 0.2263



25.6067, 0.3843, 0.2820



25.6067, 0.4225, 0.4298



25.6067, 0.2398, 0.3802

Rectangle

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



25.6067, 0.2079, 0.2263



25.6067, 0.2905, 0.2357



25.6067, 0.4225, 0.4298



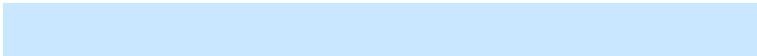
25.6067, 0.3223, 0.4508

Sweetspot

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



25.6076, 0.2079, 0.2263



76.9571, 0.2796, 0.3035



48.1635, 0.2742, 0.4615



15.8951, 0.2751, 0.2997



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.



25.6076, 0.2079, 0.2263



32.7432, 0.1926, 0.2003



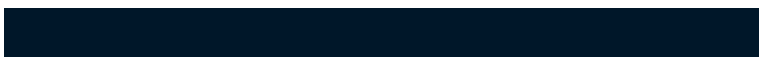
10.3694, 0.1813, 0.1182



12.4908, 0.2983, 0.3184



10.7485, 0.1827, 0.1777



0.7580, 0.1911, 0.2080

Inverse Universe

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



19.1093, 0.4109, 0.2372



25.3615, 0.4428, 0.2322



54.8770, 0.4134, 0.4759



11.9166, 0.3205, 0.3162



9.1563, 0.4713, 0.2370



0.5278, 0.4363, 0.2177

Previews

White Background



This preview shows how the Yxy color 25.6067, 0.2079, 0.2263 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 25.6067, 0.2079, 0.2263 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

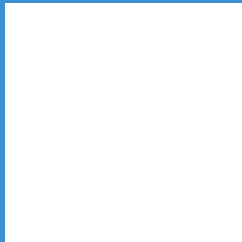
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6067, 0.2079, 0.2263

Background



This preview shows how black text looks on a background with the Yxy color 25.6067, 0.2079, 0.2263.



This preview shows how white text looks on a background with the Yxy color 25.6067, 0.2079, 0.2263.

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

25.6067, 0.2079, 0.2263

Protanopia

25.3052, 0.2386, 0.2276

Deuteranopia

25.4192, 0.2243, 0.2177



Tritanopia

25.7460, 0.2222, 0.3065

Trichromacy



Original Color

25.6067, 0.2079, 0.2263

Protanomaly

25.1261, 0.2247, 0.2254

Deuteranomaly

25.4840, 0.2175, 0.2214

Tritanomaly

25.6203, 0.2159, 0.2744

Monochromacy



Original Color

25.6067, 0.2079, 0.2263

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.1524, 0.2606, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6067, 0.2079, 0.2263 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(63, 144, 209)` looks like.

```
.text, #text, p{  
    color:rgb(63, 144, 209)  
}
```

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(63, 144, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 144, 209) }
```

Border

The CSS property to change the border of an element to Yxy 25.6067, 0.2079, 0.2263 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(63, 144, 209) }
```

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

```
.border{ border-color:rgb(63, 144, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 144, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 144, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 144, 209);  
box-shadow:4px 4px 4px 4px rgb(63, 144,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6067, 0.2079, 0.2263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 144, 209) }
```

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

```
.background{ background-color: rgb(63, 144,  
209) }
```

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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