

Converting Colors

$Y_{xy}(24.2195, 0.2361, 0.2609)$

Have a look what the booklet for
Yxy(24.2195, 0.2361, 0.2609)
contains.

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Color

Yxy(24.2756, 0.2360, 0.2613)

Conversions

Conversions Part 1

Format	Color
Hex	5B8CB4
RGB	91, 140, 180
RGB Percent	36%, 55%, 71%
CMY	0.6434, 0.4509, 0.2942
CMYK	0.49, 0.22, 0.00, 0.29
HSL	207°, 37%, 53%
HSV	207°, 49%, 71%
XYZ	21.9251, 24.2756, 46.7024
YIQ	129.9090, -42.0440, 2.0520

Conversions

Conversions Part 2

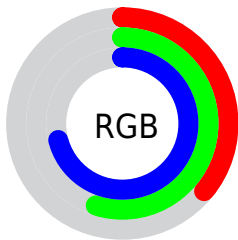
Format	Color
R _Y B	91, 123, 180
Decimal	5999796
CIE Lab	56.36, -5.26, -26.07
CIE LCh	56, 26.593, 258.588
Yxy	24.2756, 0.2360, 0.2613
Android (android.graphics.Color)	4284189876 (0xFF5B8CB4)
YUV	129.9090, 24.6949, -34.1232
Hunter-Lab	49.2703, -6.7909, -21.7108

Details

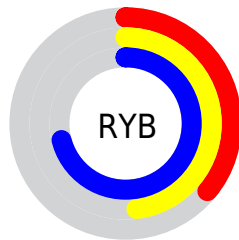
The Yxy color **24.2756, 0.2360, 0.2613** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **26.6662, 0.4176, 0.3865**, and the grayscale version is **22.2078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3070, 0.2517, 0.2749**, and **9.1847, 0.2102, 0.2370** is the 20% darker color. If you saturate the color by 10%, you get **21.1940, 0.2218, 0.2445**, and if you desaturate by 10%, it is **27.7518, 0.2512, 0.2772**.

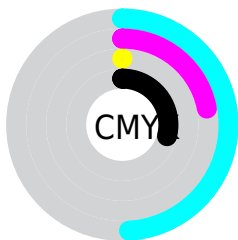
Distribution



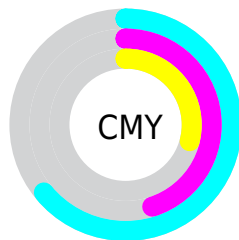
- Red (36%)
- Green (55%)
- Blue (71%)



- Red (36%)
- Yellow (48%)
- Blue (71%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2756, 0.2360, 0.2613 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 24.2756, 0.2360, 0.2613 by changing the saturation by 10% instead.

■ 24.2756, 0.2360,
0.2613

■ 24.2756, 0.2360,
0.2613

■ 274.2109, 0.2773,
0.2984

■ 15.5382, 0.2248,
0.2510

■ 50.4796, 0.2517,
0.2755

■ 9.1980, 0.2100,
0.2372

■ 68.7149, 0.2573,
0.2807

■ 4.8705, 0.1896,
0.2178

■ 90.8850, 0.2621,
0.2849

■ 2.1715, 0.1602,
0.1892

■ 117.3743, 0.2661,
0.2885

■ 0.7044, 0.1100,
0.1432

■ 148.5671, 0.2695,
0.2915

■ 0.0000, 0.0000,
0.0000

184.8479, 0.2724,

0.2941

226.6010, 0.2750,
0.2964

■ 24.2756, 0.2360,
0.2613

■ 24.2756, 0.2360,
0.2613

■ 21.1940, 0.2218,
0.2445

■ 27.7518, 0.2512,
0.2772

■ 18.4845, 0.2090,
0.2273

■ 31.6377, 0.2669,
0.2922

■ 16.1261, 0.1981,
0.2099

■ 35.9510, 0.2827,
0.3059

■ 14.0937, 0.1893,
0.1928

■ 40.7071, 0.2983,
0.3183

■ 12.3417, 0.1824,
0.1763

■ 45.9207, 0.3135,
0.3296

■ 12.2542, 0.1821,
0.1755

■ 51.6057, 0.3281,
0.3396

■ 57.7753, 0.3420,
0.3484

■ 64.4423, 0.3550,
0.3562

■ 71.6187, 0.3673,
0.3631

Harmonies

Analogous

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



24.2756, 0.2283, 0.2859



24.2756, 0.2360, 0.2613



24.2756, 0.2627, 0.2550

Triad

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



24.2756, 0.2360, 0.2613



24.2756, 0.3894, 0.3245



24.2756, 0.3156, 0.4049

Complementary

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



24.2756, 0.2360, 0.2613



26.6662, 0.4176, 0.3865

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.



24.2756, 0.3604, 0.4118



24.2756, 0.2360, 0.2613



24.2756, 0.4051, 0.3615

Square

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



24.2756, 0.2360, 0.2613



24.2756, 0.3513, 0.2906



24.2756, 0.3937, 0.3939



24.2756, 0.2721, 0.3720

Rectangle

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



24.2756, 0.2360, 0.2613



24.2756, 0.2892, 0.2605



24.2756, 0.3937, 0.3939



24.2756, 0.3310, 0.4103

Sweetspot

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



24.2765, 0.2360, 0.2613



68.7336, 0.2893, 0.3113



36.4575, 0.2805, 0.4153



14.4759, 0.2860, 0.3086



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2765, 0.2360, 0.2613



38.1542, 0.2211, 0.2436



14.0434, 0.2216, 0.1851



8.9805, 0.2985, 0.3185



8.6899, 0.1826, 0.1774



0.3879, 0.1956, 0.2240

Inverse Universe

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



19.0682, 0.3717, 0.2597



28.9903, 0.3908, 0.2472



40.7476, 0.3877, 0.4407



8.5810, 0.3204, 0.3165



7.4174, 0.4716, 0.2372



0.2449, 0.4190, 0.2082

Previews

White Background



This preview shows how the Yxy color 24.2756, 0.2360, 0.2613 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 24.2756, 0.2360, 0.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

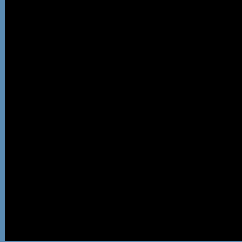
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

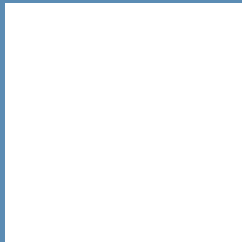
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.2756, 0.2360, 0.2613

Background



This preview shows how black text looks on a background with the Yxy color 24.2756, 0.2360, 0.2613.

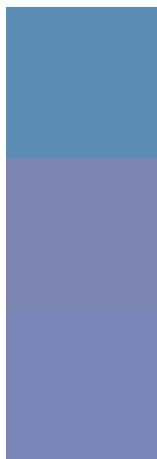


This preview shows how white text looks on a background with the Yxy color 24.2756, 0.2360, 0.2613.

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

24.2756, 0.2360, 0.2613

Protanopia

24.1553, 0.2641, 0.2611

Deuteranopia

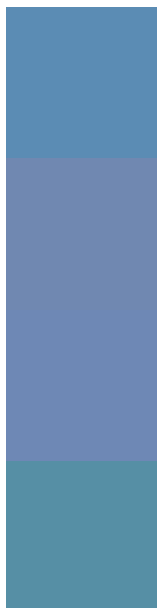
24.2174, 0.2560, 0.2508



Tritanopia

24.1858, 0.2479, 0.3069

Trichromacy



Original Color

24.2756, 0.2360, 0.2613

Protanomaly

24.2274, 0.2527, 0.2614

Deuteranomaly

24.2595, 0.2482, 0.2554

Tritanomaly

24.3400, 0.2434, 0.2897

Monochromacy



Original Color

24.2756, 0.2360, 0.2613

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9013, 0.2798, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2756, 0.2360, 0.2613 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(91, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(91, 140, 180)  
}
```

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(91, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 140, 180) }
```

Border

The CSS property to change the border of an element to Yxy 24.2756, 0.2360, 0.2613 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(91, 140, 180) }
```

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

```
.border{ border-color:rgb(91, 140, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 140, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 140, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 140, 180);  
box-shadow:4px 4px 4px 4px rgb(91, 140,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2756, 0.2360, 0.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 140, 180) }
```

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

```
.background{ background-color: rgb(91, 140,  
180) }
```

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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