

Converting Colors

$Y_{xy}(26.4677, 0.2457, 0.2661)$

Have a look what the booklet for
Yxy(26.4677, 0.2457, 0.2661)
contains.

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Color

Yxy(26.4296, 0.2459, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	6A90B7
RGB	106, 144, 183
RGB Percent	42%, 56%, 72%
CMY	0.5841, 0.4353, 0.2824
CMYK	0.42, 0.21, 0.00, 0.28
HSL	210°, 35%, 57%
HSV	210°, 42%, 72%
XYZ	24.4693, 26.4296, 48.6102
YIQ	137.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

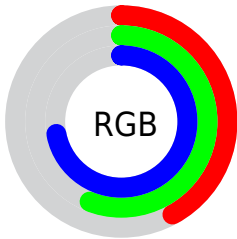
Format	Color
R_{YB}	106, 131, 183
Decimal	6983863
CIE _{Lab}	58.44, -2.80, -24.51
CIE _{LCh}	58, 24.667, 263.489
Yxy	26.4296, 0.2459, 0.2656
Android (android.graphics.Color)	4285173943 (0xFF6A90B7)
YUV	137.0840, 22.6366, -27.2607
Hunter-Lab	51.4097, -5.0071, -20.0745

Details

The Yxy color **26.4296, 0.2459, 0.2656** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.3807, 0.3952, 0.3843**, and the grayscale version is **24.9773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0937, 0.2594, 0.2791**, and **10.3740, 0.2236, 0.2441** is the 20% darker color. If you saturate the color by 10%, you get **22.7299, 0.2302, 0.2471**, and if you desaturate by 10%, it is **30.6016, 0.2621, 0.2829**.

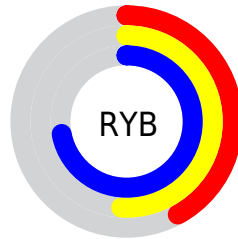
Distribution



Red (42%)

Green (56%)

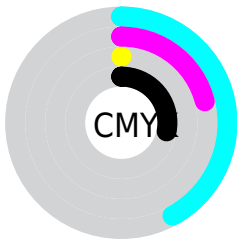
Blue (72%)



Red (42%)

Yellow (51%)

Blue (72%)

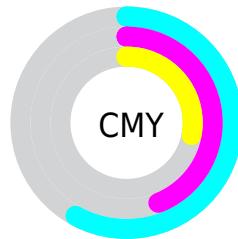


Cyan (42%)

Magenta (21%)

Yellow (0%)

Black (28%)



Cyan (58%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4296, 0.2459, 0.2656 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 26.4296, 0.2459, 0.2656 by changing the saturation by 10% instead.

■ 26.4296, 0.2459,
0.2656

■ 26.4296, 0.2459,
0.2656

284.8846, 0.2816,
0.2998

■ 17.1453, 0.2363,
0.2563

■ 53.9672, 0.2594,
0.2786

■ 10.3381, 0.2236,
0.2439

■ 72.9893, 0.2643,
0.2833

■ 5.6237, 0.2061,
0.2266

■ 96.0261, 0.2684,
0.2872

■ 2.6177, 0.1807,
0.2013

■ 123.4620, 0.2719,
0.2905

■ 0.9356, 0.1417,
0.1617

155.6814, 0.2748,
0.2934

■ 0.0000, 0.0000,
0.0000

193.0687, 0.2774,

0.2958

236.0083, 0.2796,
0.2979

■ 26.4296, 0.2459,
0.2656

■ 26.4296, 0.2459,
0.2656

■ 22.7299, 0.2302,
0.2471

■ 30.6016, 0.2621,
0.2829

■ 19.4786, 0.2155,
0.2278

■ 35.2622, 0.2783,
0.2989

■ 16.6539, 0.2023,
0.2082

■ 40.4304, 0.2943,
0.3134

■ 14.2301, 0.1911,
0.1887

■ 46.1234, 0.3097,
0.3265

■ 12.1776, 0.1822,
0.1698

■ 52.3573, 0.3243,
0.3382

■ 10.7680, 0.1766,
0.1556

■ 59.1475, 0.3382,
0.3485

■ 66.5087, 0.3511,
0.3575

■ 74.4550, 0.3632,
0.3655

■ 79.8874, 0.3626,
0.3743

Harmonies

Analogous

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



26.4296, 0.2359, 0.2856



26.4296, 0.2459, 0.2656



26.4296, 0.2729, 0.2623

Triad

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



26.4296, 0.2459, 0.2656



26.4296, 0.3857, 0.3308



26.4296, 0.3089, 0.3935

Complementary

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



26.4296, 0.2459, 0.2656



31.3807, 0.3952, 0.3843

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.



26.4296, 0.3499, 0.4041



26.4296, 0.2459, 0.2656



26.4296, 0.3960, 0.3643

Square

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



26.4296, 0.2459, 0.2656



26.4296, 0.3542, 0.2988



26.4296, 0.3822, 0.3918



26.4296, 0.2705, 0.3613

Rectangle

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



26.4296, 0.2459, 0.2656



26.4296, 0.2982, 0.2688



26.4296, 0.3822, 0.3918



26.4296, 0.3228, 0.3998

Sweetspot

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



26.4306, 0.2459, 0.2656



71.2785, 0.2924, 0.3118



38.9641, 0.2808, 0.3913



15.2798, 0.2889, 0.3087



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.4306, 0.2459, 0.2656



41.4722, 0.2321, 0.2494



16.8075, 0.2355, 0.2014



9.4310, 0.2985, 0.3171



7.6490, 0.1771, 0.1576



0.3936, 0.1904, 0.2053

Inverse Universe

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



22.4011, 0.3658, 0.2757



34.2987, 0.3823, 0.2651



44.9753, 0.3745, 0.4311



9.0840, 0.3213, 0.3178



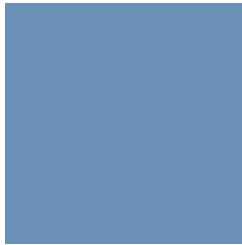
7.5545, 0.4961, 0.2506



0.2788, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 26.4296, 0.2459, 0.2656 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 26.4296, 0.2459, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

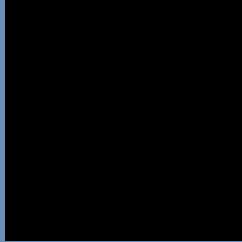
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

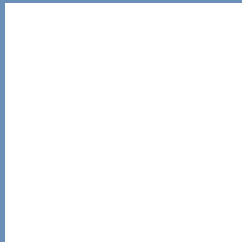
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4296, 0.2459, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 26.4296, 0.2459, 0.2656.



This preview shows how white text looks on a background with the Yxy color 26.4296, 0.2459, 0.2656.

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

26.4296, 0.2459, 0.2656

Protanopia

26.4657, 0.2674, 0.2663

Deuteranopia

26.3835, 0.2633, 0.2578



Tritanopia

26.4272, 0.2586, 0.3080

Trichromacy



Original Color

26.4296, 0.2459, 0.2656

Protanomaly

26.4100, 0.2591, 0.2668

Deuteranomaly

26.2818, 0.2559, 0.2596

Tritanomaly

26.5194, 0.2541, 0.2932

Monochromacy



Original Color

26.4296, 0.2459, 0.2656

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5249, 0.2849, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4296, 0.2459, 0.2656 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(106, 144, 183)` looks like.

```
.text, #text, p{  
    color:rgb(106, 144, 183)  
}
```

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(106, 144, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 144, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.4296, 0.2459, 0.2656 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(106, 144, 183) }
```

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

```
.border{ border-color:rgb(106, 144, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 144, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 144, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 144, 183);  
box-shadow:4px 4px 4px 4px rgb(106, 144,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4296, 0.2459, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 144, 183) }
```

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

```
.background{ background-color: rgb(106,  
144, 183) }
```

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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