

Converting Colors

$Y_{xy}(30.0875, 0.2580, 0.2664)$

Have a look what the booklet for
Yxy(30.0875, 0.2580, 0.2664)
contains.

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Color

Yxy(30.0863, 0.2578, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	7F96BF
RGB	127, 150, 191
RGB Percent	50%, 59%, 75%
CMY	0.5021, 0.4117, 0.2509
CMYK	0.34, 0.21, 0.00, 0.25
HSL	218°, 33%, 62%
HSV	218°, 34%, 75%
XYZ	29.0605, 30.0863, 53.5782
YIQ	147.7970, -26.8690, 7.8750

Conversions

Conversions Part 2

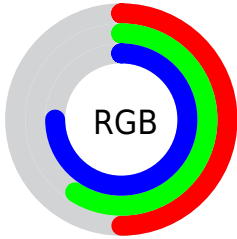
Format	Color
RYB	127, 144, 191
Decimal	8361663
CIELab	61.73, 1.80, -23.88
CIElCh	62, 23.950, 274.319
Yxy	30.0863, 0.2578, 0.2669
Android (android.graphics.Color)	4286551743 (0xFF7F96BF)
YUV	147.7970, 21.2991, -18.2390
Hunter-Lab	54.8510, -1.4184, -19.5185

Details

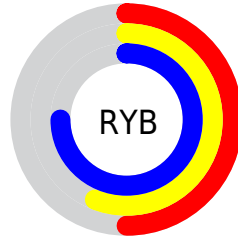
The Yxy color **30.0863, 0.2578, 0.2669** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.6083, 0.3718, 0.3840**, and the grayscale version is **29.4419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7249, 0.2688, 0.2795**, and **12.2257, 0.2400, 0.2470** is the 20% darker color. If you saturate the color by 10%, you get **25.0555, 0.2402, 0.2444**, and if you desaturate by 10%, it is **35.8049, 0.2751, 0.2877**.

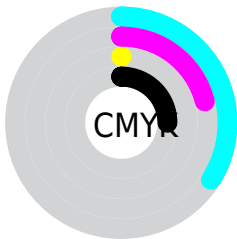
Distribution



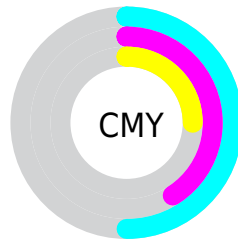
- Red (50%)
- Green (59%)
- Blue (75%)



- Red (50%)
- Yellow (56%)
- Blue (75%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (50%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0863, 0.2578, 0.2669 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 30.0863, 0.2578, 0.2669 by changing the saturation by 10% instead.

■ 30.0863, 0.2578,
0.2669

■ 30.0863, 0.2578,
0.2669

■ 302.3065, 0.2868,
0.2995

■ 19.9041, 0.2501,
0.2583

■ 59.7986, 0.2687,
0.2791

■ 12.3254, 0.2400,
0.2471

■ 80.0976, 0.2727,
0.2835

■ 6.9657, 0.2262,
0.2318

■ 104.5375, 0.2760,
0.2873

■ 3.4406, 0.2062,
0.2099

■ 133.5029, 0.2788,
0.2905

■ 1.3659, 0.1755,
0.1765

■ 167.3781, 0.2812,
0.2932

■ 0.1914, 0.0864,
0.0732

■ 206.5475, 0.2833,

■ 0.0000, 0.0000,

0.2956

0.0000

251.3955, 0.2852,
0.2976

■ 30.0863, 0.2578,
0.2669

■ 30.0863, 0.2578,
0.2669

■ 25.0555, 0.2402,
0.2444

■ 35.8049, 0.2751,
0.2877

■ 20.6809, 0.2229,
0.2205

■ 42.2342, 0.2917,
0.3066

■ 16.9331, 0.2065,
0.1960

■ 49.4004, 0.3074,
0.3235

■ 13.7791, 0.1918,
0.1715

■ 57.3270, 0.3221,
0.3385

■ 11.1818, 0.1795,
0.1482

■ 66.0366, 0.3356,
0.3517

■ 9.0987, 0.1700,
0.1269

■ 75.5508, 0.3480,
0.3632

■ 7.9840, 0.1651,
0.1145

■ 84.7967, 0.3552,
0.3740

■ 92.0674, 0.3524,
0.3854

■ 96.5426, 0.3508,
0.3919

Harmonies

Analogous

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



30.0863, 0.2423, 0.2802



30.0863, 0.2578, 0.2669



30.0863, 0.2880, 0.2691

Triad

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



30.0863, 0.2578, 0.2669



30.0863, 0.3865, 0.3424



30.0863, 0.2956, 0.3798

Complementary

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



30.0863, 0.2578, 0.2669



40.6083, 0.3718, 0.3840

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.



30.0863, 0.3341, 0.3977



30.0863, 0.2578, 0.2669



30.0863, 0.3880, 0.3725

Square

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



30.0863, 0.2578, 0.2669



30.0863, 0.3636, 0.3111



30.0863, 0.3683, 0.3938



30.0863, 0.2630, 0.3455

Rectangle

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



30.0863, 0.2578, 0.2669



30.0863, 0.3134, 0.2784



30.0863, 0.3683, 0.3938



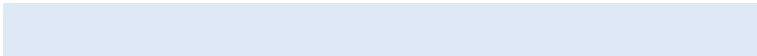
30.0863, 0.3082, 0.3881

Sweetspot

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



30.0875, 0.2578, 0.2669



79.8033, 0.2971, 0.3125



44.5906, 0.2806, 0.3637



17.1330, 0.2949, 0.3100



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



30.0875, 0.2578, 0.2669



47.3529, 0.2453, 0.2511



24.1255, 0.2609, 0.2326



9.7721, 0.2984, 0.3139



5.3858, 0.1658, 0.1169



0.3364, 0.1798, 0.1671

Inverse Universe

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



28.4515, 0.3619, 0.2977



44.6073, 0.3769, 0.2910



48.8066, 0.3550, 0.4138



9.5916, 0.3233, 0.3208



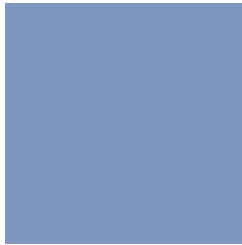
7.5734, 0.5510, 0.2809



0.3093, 0.4842, 0.2441

Previews

White Background



This preview shows how the Yxy color 30.0863, 0.2578, 0.2669 looks on a white background.

Color Contrast Check

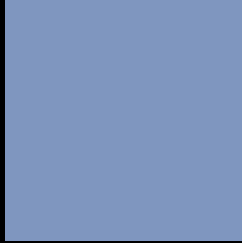
Large Text (above 18pt) WCAG AA × Fail

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 30.0863, 0.2578, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

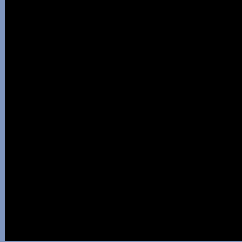
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

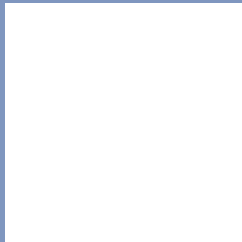
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0863, 0.2578, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 30.0863, 0.2578, 0.2669.



This preview shows how white text looks on a background with the Yxy color 30.0863, 0.2578, 0.2669.

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

30.0863, 0.2578, 0.2669

Protanopia

29.9448, 0.2678, 0.2665

Deuteranopia

29.9390, 0.2671, 0.2613



Tritanopia

29.9662, 0.2714, 0.3079

Trichromacy



Original Color

30.0863, 0.2578, 0.2669

Protanomaly

29.9658, 0.2639, 0.2661

Deuteranomaly

29.8241, 0.2631, 0.2620

Tritanomaly

30.1280, 0.2661, 0.2926

Monochromacy



Original Color

30.0863, 0.2578, 0.2669

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.7507, 0.2902, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0863, 0.2578, 0.2669 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(127, 150, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 150, 191)  
}
```

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(127, 150, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 150, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.0863, 0.2578, 0.2669 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(127, 150, 191) }
```

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

```
.border{ border-color:rgb(127, 150, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 150, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 150, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 150, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 150,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0863, 0.2578, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 150, 191) }
```

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

```
.background{ background-color: rgb(127,  
150, 191) }
```

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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