

Converting Colors

$Y_{xy}(28.3208, 0.2433, 0.2561)$

Have a look what the booklet for
Yxy(28.3208, 0.2433, 0.2561)
contains.

Yxy(28.2072, 0.2438, 0.2561)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.2072, 0.2438, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	7093C2
RGB	112, 147, 194
RGB Percent	44%, 58%, 76%
CMY	0.5609, 0.4235, 0.2391
CMYK	0.42, 0.24, 0.00, 0.24
HSL	214°, 40%, 60%
HSV	214°, 42%, 76%
XYZ	26.8525, 28.2072, 55.0817
YIQ	141.8930, -35.9470, 7.1970

Conversions

Conversions Part 2

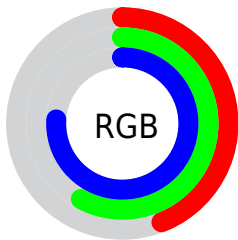
Format	Color
R _Y B	112, 137, 194
Decimal	7377858
CIE Lab	60.08, 0.17, -28.20
CIE LCh	60, 28.196, 270.351
Yxy	28.2072, 0.2438, 0.2561
Android (android.graphics.Color)	4285567938 (0xFF7093C2)
YUV	141.8930, 25.6888, -26.2162
Hunter-Lab	53.1105, -2.6943, -24.3133

Details

The Yxy color **28.2072, 0.2438, 0.2561** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.4345, 0.3931, 0.3917**, and the grayscale version is **26.9117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9538, 0.2575, 0.2704**, and **11.3424, 0.2216, 0.2337** is the 20% darker color. If you saturate the color by 10%, you get **23.7776, 0.2273, 0.2349**, and if you desaturate by 10%, it is **33.2474, 0.2607, 0.2760**.

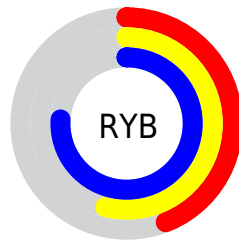
Distribution



Red (44%)

Green (58%)

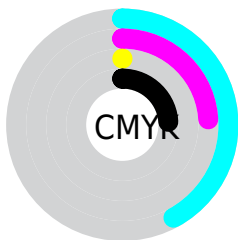
Blue (76%)



Red (44%)

Yellow (54%)

Blue (76%)

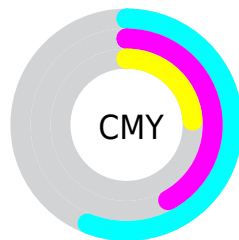


Cyan (42%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2072, 0.2438, 0.2561 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 28.2072, 0.2438, 0.2561 by changing the saturation by 10% instead.

■ 28.2072, 0.2438,
0.2561

■ 28.2072, 0.2438,
0.2561

■ 293.4557, 0.2802,
0.2946

■ 18.4819, 0.2342,
0.2459

■ 56.8151, 0.2574,
0.2705

■ 11.2965, 0.2216,
0.2326

■ 76.4665, 0.2625,
0.2758

■ 6.2666, 0.2044,
0.2145

■ 100.1953, 0.2666,
0.2802

■ 3.0079, 0.1801,
0.1888

■ 128.3860, 0.2702,
0.2840

■ 1.1359, 0.1437,
0.1505

■ 161.4231, 0.2732,
0.2872

■ 0.0084, 0.0051,
0.0035

■ 199.6907, 0.2759,

■ 0.0000, 0.0000,

0.2900

0.0000

243.5735, 0.2782,
0.2924

■ 28.2072, 0.2438,
0.2561

■ 28.2072, 0.2438,
0.2561

■ 23.7776, 0.2273,
0.2349

■ 33.2474, 0.2607,
0.2760

■ 19.9281, 0.2116,
0.2129

■ 38.9201, 0.2775,
0.2943

■ 16.6301, 0.1975,
0.1907

■ 45.2502, 0.2937,
0.3109

■ 13.8503, 0.1856,
0.1689

■ 52.2599, 0.3093,
0.3258

■ 11.5507, 0.1762,
0.1484

■ 59.9705, 0.3239,
0.3391

■ 10.0586, 0.1705,
0.1338

■ 68.4020, 0.3376,
0.3507

■ 77.5738, 0.3502,
0.3610

■ 85.1185, 0.3531,
0.3712

■ 91.7196, 0.3507,
0.3817

Harmonies

Analogous

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



28.2072, 0.2283, 0.2736



28.2072, 0.2438, 0.2561



28.2072, 0.2773, 0.2568

Triad

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



28.2072, 0.2438, 0.2561



28.2072, 0.3995, 0.3391



28.2072, 0.2976, 0.3953

Complementary

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



28.2072, 0.2438, 0.2561



37.4345, 0.3931, 0.3917

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.



28.2072, 0.3437, 0.4132



28.2072, 0.2438, 0.2561



28.2072, 0.4045, 0.3756

Square

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



28.2072, 0.2438, 0.2561



28.2072, 0.3687, 0.3029



28.2072, 0.3833, 0.4039



28.2072, 0.2575, 0.3547

Rectangle

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



28.2072, 0.2438, 0.2561



28.2072, 0.3069, 0.2664



28.2072, 0.3833, 0.4039



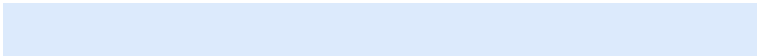
28.2072, 0.3129, 0.4043

Sweetspot

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



28.2083, 0.2438, 0.2561



80.8582, 0.2923, 0.3095



44.5218, 0.2771, 0.3833



17.1245, 0.2887, 0.3058



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.



28.2083, 0.2438, 0.2561



43.4290, 0.2280, 0.2360



19.2908, 0.2394, 0.2014



10.4393, 0.2984, 0.3155



6.7673, 0.1712, 0.1362



0.4289, 0.1835, 0.1806

Inverse Universe

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



25.1614, 0.3735, 0.2821



38.3614, 0.3945, 0.2723



50.5252, 0.3702, 0.4340



10.1477, 0.3224, 0.3192



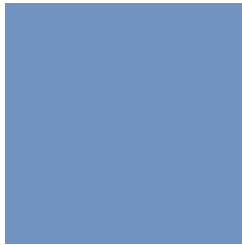
7.9654, 0.5242, 0.2661



0.3579, 0.4678, 0.2351

Previews

White Background



This preview shows how the Yxy color 28.2072, 0.2438, 0.2561 looks on a white background.

Color Contrast Check

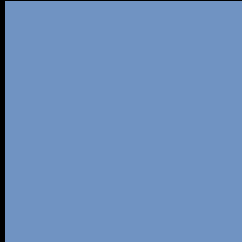
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2072, 0.2438, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

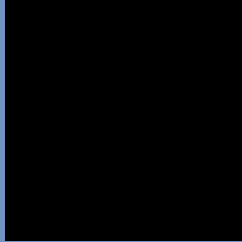
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

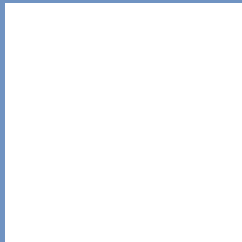
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.2072, 0.2438, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 28.2072, 0.2438, 0.2561.

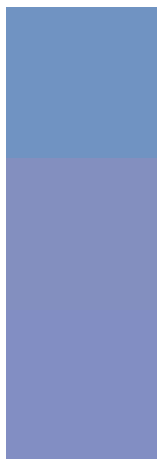


This preview shows how white text looks on a background with the Yxy color 28.2072, 0.2438, 0.2561.

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

28.2072, 0.2438, 0.2561

Protanopia

28.2318, 0.2598, 0.2565

Deuteranopia

28.0320, 0.2559, 0.2496



Tritanopia

28.1161, 0.2590, 0.3069

Trichromacy



Original Color

28.2072, 0.2438, 0.2561

Protanomaly

28.0374, 0.2535, 0.2557

Deuteranomaly

28.0976, 0.2507, 0.2516

Tritanomaly

28.0731, 0.2530, 0.2863

Monochromacy



Original Color

28.2072, 0.2438, 0.2561

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.3450, 0.2839, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2072, 0.2438, 0.2561 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(112, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(112, 147, 194)  
}
```

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(112, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 147, 194) }
```

Border

The CSS property to change the border of an element to Yxy 28.2072, 0.2438, 0.2561 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(112, 147, 194) }
```

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

```
.border{ border-color:rgb(112, 147, 194) }
```

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

Here you see how a box with a 4 pixel rgb(112, 147, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 147, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 147, 194);  
box-shadow:4px 4px 4px 4px rgb(112, 147,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2072, 0.2438, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 147, 194) }
```

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

```
.background{ background-color: rgb(112,  
147, 194) }
```

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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