

Converting Colors

$Yxy(30.3562, 0.2037, 0.2263)$

Have a look what the booklet for
Yxy(30.3562, 0.2037, 0.2263)
contains.

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Color

Yxy(30.4172, 0.2039, 0.2267)

Conversions

Conversions Part 1

Format	Color
Hex	379DE2
RGB	55, 157, 226
RGB Percent	22%, 62%, 89%
CMY	0.7847, 0.3843, 0.1136
CMYK	0.76, 0.31, 0.00, 0.11
HSL	204°, 75%, 55%
HSV	204°, 76%, 89%
XYZ	27.3580, 30.4172, 76.3986
YIQ	134.3680, -82.9410, -0.1650

Conversions

Conversions Part 2

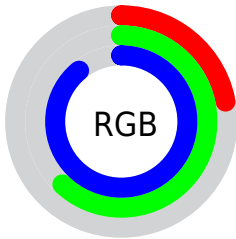
Format	Color
R _Y B	55, 119, 226
Decimal	3644898
CIE Lab	62.01, -6.13, -43.22
CIE LCh	62, 43.649, 261.926
Yxy	30.4172, 0.2039, 0.2267
Android (android.graphics.Color)	4281834978 (0xFF379DE2)
YUV	134.3680, 45.1746, -69.6057
Hunter-Lab	55.1518, -7.9707, -43.5247

Details

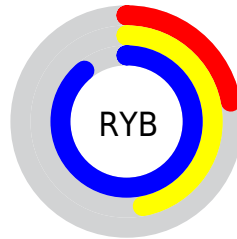
The Yxy color **30.4172, 0.2039, 0.2267** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **30.8419, 0.5060, 0.3975**, and the grayscale version is **23.8268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0936, 0.2354, 0.2754**, and **13.2103, 0.1893, 0.2015** is the 20% darker color. If you saturate the color by 10%, you get **26.9500, 0.1950, 0.2110**, and if you desaturate by 10%, it is **34.4084, 0.2149, 0.2425**.

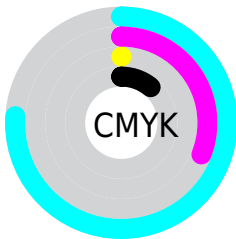
Distribution



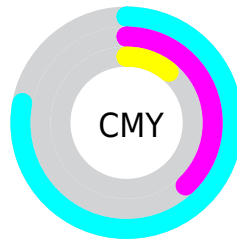
- Red (22%)
- Green (62%)
- Blue (89%)



- Red (22%)
- Yellow (47%)
- Blue (89%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4172, 0.2039, 0.2267 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 30.4172, 0.2039, 0.2267 by changing the saturation by 10% instead.

■ 30.4172, 0.2039,
0.2267

■ 30.4172, 0.2039,
0.2267

■ 303.8443, 0.2589,
0.2794

■ 20.1555, 0.1905,
0.2135

■ 60.3213, 0.2237,
0.2460

■ 12.5081, 0.1737,
0.1968

■ 80.7325, 0.2313,
0.2532

■ 7.0907, 0.1522,
0.1752

■ 105.2957, 0.2376,
0.2593

■ 3.5189, 0.1242,
0.1466

■ 134.3951, 0.2431,
0.2645

■ 1.4083, 0.0882,
0.1085

■ 168.4153, 0.2478,
0.2690

■ 0.2228, 0.0106,
0.0380

207.7407, 0.2520,

■ 0.0000, 0.0000,

0.2729

0.0000

252.7555, 0.2556,
0.2764

■ 30.4172, 0.2039,
0.2267

■ 30.4172, 0.2039,
0.2267

■ 26.9500, 0.1950,
0.2110

■ 34.4084, 0.2149,
0.2425

■ 23.9553, 0.1884,
0.1957

■ 38.9608, 0.2276,
0.2580

■ 22.7832, 0.1859,
0.1893

■ 44.1104, 0.2418,
0.2729

■ 49.8887, 0.2569,
0.2871

■ 56.3244, 0.2725,
0.3003

■ 63.4443, 0.2883,
0.3123

■ 71.2731, 0.3039,
0.3233

■ 79.8343, 0.3192,
0.3331

■ 88.5150, 0.3316,
0.3419

Harmonies

Analogous

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



30.4172, 0.1900, 0.2568



30.4172, 0.2039, 0.2267



30.4172, 0.2438, 0.2225

Triad

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



30.4172, 0.2039, 0.2267



30.4172, 0.4346, 0.3251



30.4172, 0.3064, 0.4454

Complementary

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



30.4172, 0.2039, 0.2267



30.8419, 0.5060, 0.3975

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.



30.4172, 0.3738, 0.4565



30.4172, 0.2039, 0.2267



30.4172, 0.4524, 0.3778

Square

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



30.4172, 0.2039, 0.2267



30.4172, 0.3783, 0.2770



30.4172, 0.4281, 0.4267



30.4172, 0.2442, 0.3882

Rectangle

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



30.4172, 0.2039, 0.2267



30.4172, 0.2835, 0.2324



30.4172, 0.4281, 0.4267



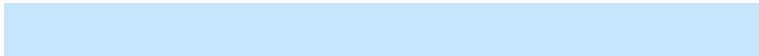
30.4172, 0.3292, 0.4547

Sweetspot

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



30.4182, 0.2039, 0.2267



76.3483, 0.2765, 0.3034



56.6548, 0.2764, 0.4838



15.6434, 0.2708, 0.2989



0.0000, 0.0000, 0.0000



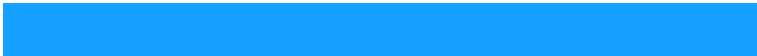
21.4041, 0.3127, 0.3290

Same Dimension

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



30.4182, 0.2039, 0.2267



33.0353, 0.1908, 0.2019



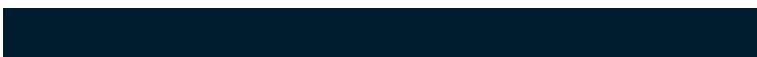
10.9378, 0.1732, 0.1075



14.5965, 0.2981, 0.3193



13.2332, 0.1866, 0.1917



1.0914, 0.1931, 0.2150

Inverse Universe

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



21.3301, 0.4124, 0.2266



24.4586, 0.4422, 0.2253



62.0060, 0.4234, 0.4787



13.8372, 0.3199, 0.3151



10.2439, 0.4548, 0.2279



0.7276, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 30.4172, 0.2039, 0.2267 looks on a white background.

Color Contrast Check

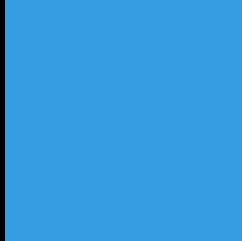
Large Text (above 18pt) WCAG AA × Fail

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 30.4172, 0.2039, 0.2267 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

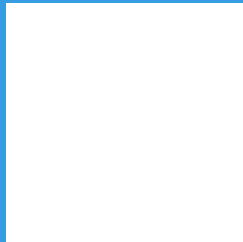
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4172, 0.2039, 0.2267

Background



This preview shows how black text looks on a background with the Yxy color 30.4172, 0.2039, 0.2267.



This preview shows how white text looks on a background with the Yxy color 30.4172, 0.2039, 0.2267.

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

30.4172, 0.2039, 0.2267

Protanopia

30.0031, 0.2394, 0.2287

Deuteranopia

30.0962, 0.2237, 0.2170

Trichromacy



Original Color

30.4172, 0.2039, 0.2267

Protanomaly

29.6893, 0.2225, 0.2272

Deuteranomaly

29.8529, 0.2145, 0.2197

Monochromacy



Original Color

30.4172, 0.2039, 0.2267

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.1393, 0.2558, 0.2862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4172, 0.2039, 0.2267 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(55, 157, 226)` looks like.

```
.text, #text, p{  
    color:rgb(55, 157, 226)  
}
```

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(55, 157, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 157, 226) }
```

Border

The CSS property to change the border of an element to Yxy 30.4172, 0.2039, 0.2267 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(55, 157, 226) }
```

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

```
.border{ border-color:rgb(55, 157, 226) }
```

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

Here you see how a box with a 4 pixel rgb(55, 157, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 157, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 157, 226);  
box-shadow:4px 4px 4px 4px rgb(55, 157,  
226) }
```

Background

The CSS property to change the background color of an element to Yxy 30.4172, 0.2039, 0.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 157, 226) }
```

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

```
.background{ background-color: rgb(55, 157,  
226) }
```

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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