

Converting Colors

$Yxy(29.0802, 0.2160, 0.2368)$

Have a look what the booklet for
Yxy(29.0802, 0.2160, 0.2368)
contains.

Yxy(29.2488, 0.2164, 0.2377)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.2488, 0.2164, 0.2377)

Conversions

Conversions Part 1

Format	Color
Hex	4F99D5
RGB	79, 153, 213
RGB Percent	31%, 60%, 84%
CMY	0.6898, 0.4000, 0.1648
CMYK	0.63, 0.28, 0.00, 0.16
HSL	207°, 61%, 57%
HSV	207°, 63%, 84%
XYZ	26.6279, 29.2488, 67.1726
YIQ	137.7140, -63.3640, 2.9720

Conversions

Conversions Part 2

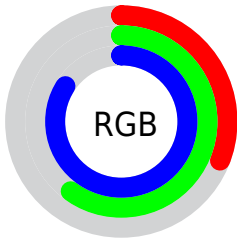
Format	Color
R _Y B	79, 127, 213
Decimal	5216725
CIE Lab	61.00, -4.73, -37.50
CIE LCh	61, 37.796, 262.807
Yxy	29.2488, 0.2164, 0.2377
Android (android.graphics.Color)	4283406805 (0xFF4F99D5)
YUV	137.7140, 37.1160, -51.4922
Hunter-Lab	54.0822, -6.7577, -35.7834

Details

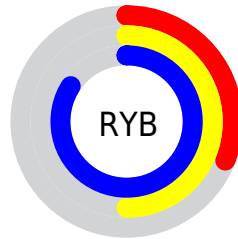
The Yxy color **29.2488, 0.2164, 0.2377** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **33.1911, 0.4584, 0.3994**, and the grayscale version is **25.1835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3346, 0.2414, 0.2713**, and **11.9714, 0.1917, 0.2101** is the 20% darker color. If you saturate the color by 10%, you get **25.4779, 0.2042, 0.2202**, and if you desaturate by 10%, it is **33.5640, 0.2302, 0.2549**.

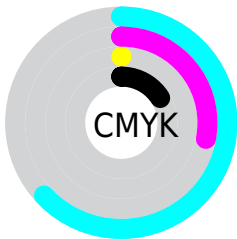
Distribution



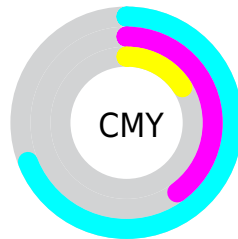
- Red (31%)
- Green (60%)
- Blue (84%)



- Red (31%)
- Yellow (50%)
- Blue (84%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2488, 0.2164, 0.2377 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 29.2488, 0.2164, 0.2377 by changing the saturation by 10% instead.

■ 29.2488, 0.2164,
0.2377

■ 29.2488, 0.2164,
0.2377

■ 298.3871, 0.2659,
0.2854

■ 19.2691, 0.2039,
0.2255

■ 58.4721, 0.2345,
0.2553

■ 11.8649, 0.1881,
0.2097

■ 78.4846, 0.2413,
0.2619

■ 6.6517, 0.1673,
0.1889

■ 102.6101, 0.2471,
0.2674

■ 3.2453, 0.1394,
0.1606

■ 131.2330, 0.2519,
0.2721

■ 1.2611, 0.1017,
0.1212

■ 164.7378, 0.2562,
0.2761

■ 0.1108, 0.0000,
0.0266

■ 203.5088, 0.2598,

■ 0.0000, 0.0000,

0.2796

0.0000

247.9304, 0.2631,
0.2827

■ 29.2488, 0.2164,
0.2377

■ 29.2488, 0.2164,
0.2377

■ 25.4779, 0.2042,
0.2202

■ 33.5640, 0.2302,
0.2549

■ 22.2134, 0.1941,
0.2027

■ 38.4513, 0.2452,
0.2713

■ 19.4153, 0.1862,
0.1857

■ 43.9397, 0.2609,
0.2868

■ 17.6576, 0.1817,
0.1740

■ 50.0549, 0.2769,
0.3011

■ 56.8209, 0.2928,
0.3141

■ 64.2603, 0.3084,
0.3259

■ 72.3943, 0.3233,
0.3364

■ 81.2431, 0.3376,
0.3457

■ 87.7132, 0.3401,
0.3548

Harmonies

Analogous

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



29.2488, 0.2031, 0.2647



29.2488, 0.2164, 0.2377



29.2488, 0.2532, 0.2340

Triad

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



29.2488, 0.2164, 0.2377



29.2488, 0.4206, 0.3280



29.2488, 0.3064, 0.4287

Complementary

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



29.2488, 0.2164, 0.2377



33.1911, 0.4584, 0.3994

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.



29.2488, 0.3662, 0.4411



29.2488, 0.2164, 0.2377



29.2488, 0.4357, 0.3754

Square

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



29.2488, 0.2164, 0.2377



29.2488, 0.3723, 0.2841



29.2488, 0.4143, 0.4177



29.2488, 0.2513, 0.3788

Rectangle

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



29.2488, 0.2164, 0.2377



29.2488, 0.2891, 0.2432



29.2488, 0.4143, 0.4177



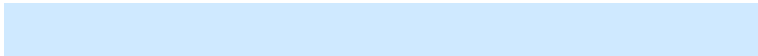
29.2488, 0.3266, 0.4375

Sweetspot

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



29.2498, 0.2164, 0.2377



78.8662, 0.2828, 0.3060



51.0488, 0.2755, 0.4459



16.2686, 0.2782, 0.3021



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.



29.2498, 0.2164, 0.2377



36.7992, 0.2010, 0.2151



13.4505, 0.1936, 0.1391



13.1339, 0.2982, 0.3183



10.9961, 0.1823, 0.1764



0.8274, 0.1903, 0.2051

Inverse Universe

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



22.0463, 0.3975, 0.2435



27.7755, 0.4243, 0.2345



57.9146, 0.4059, 0.4659



12.5344, 0.3206, 0.3162



9.4549, 0.4729, 0.2379



0.5868, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 29.2488, 0.2164, 0.2377 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 29.2488, 0.2164, 0.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

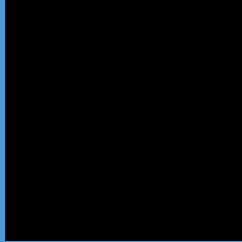
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

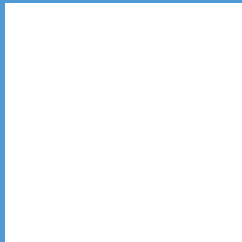
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.2488, 0.2164, 0.2377

Background



This preview shows how black text looks on a background with the Yxy color 29.2488, 0.2164, 0.2377.

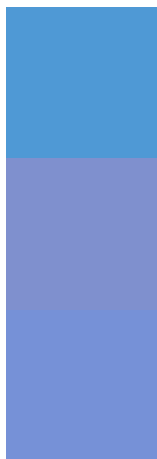


This preview shows how white text looks on a background with the Yxy color 29.2488, 0.2164, 0.2377.

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

29.2488, 0.2164, 0.2377

Protanopia

28.9148, 0.2465, 0.2386

Deuteranopia

29.0086, 0.2348, 0.2281



Tritanopia

29.0885, 0.2307, 0.3062

Trichromacy



Original Color

29.2488, 0.2164, 0.2377

Protanomaly

28.7859, 0.2334, 0.2368

Deuteranomaly

28.9779, 0.2273, 0.2316

Tritanomaly

28.9030, 0.2244, 0.2774

Monochromacy



Original Color

29.2488, 0.2164, 0.2377

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.1434, 0.2677, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2488, 0.2164, 0.2377 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(79, 153, 213)` looks like.

```
.text, #text, p{  
    color:rgb(79, 153, 213)  
}
```

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(79, 153, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 153, 213) }
```

Border

The CSS property to change the border of an element to Yxy 29.2488, 0.2164, 0.2377 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(79, 153, 213) }
```

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

```
.border{ border-color:rgb(79, 153, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 153, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 153, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 153, 213);  
box-shadow:4px 4px 4px 4px rgb(79, 153,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2488, 0.2164, 0.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 153, 213) }
```

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

```
.background{ background-color: rgb(79, 153,  
213) }
```

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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