

Converting Colors

$Y_{xy}(29.2459, 0.2169, 0.2685)$

Have a look what the booklet for
Yxy(29.2459, 0.2169, 0.2685)
contains.

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Color

$\text{Yxy}(29.1781, 0.2169, 0.2682)$

Conversions

Conversions Part 1

Format	Color
Hex	369EC3
RGB	54, 158, 195
RGB Percent	21%, 62%, 76%
CMY	0.7883, 0.3804, 0.2353
CMYK	0.72, 0.19, 0.00, 0.24
HSL	196°, 57%, 49%
HSV	196°, 72%, 76%
XYZ	23.5971, 29.1781, 56.0172
YIQ	131.1220, -73.8610, -10.5410

Conversions

Conversions Part 2

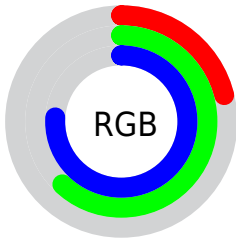
Format	Color
R_{YB}	54, 114, 195
Decimal	3579587
CIE _{Lab}	60.94, -17.38, -27.60
CIE _{LCh}	61, 32.620, 237.804
Yxy	29.1781, 0.2169, 0.2682
Android (android.graphics.Color)	4281769667 (0xFF369EC3)
YUV	131.1220, 31.4919, -67.6360
Hunter-Lab	54.0168, -16.5521, -23.6740




Details

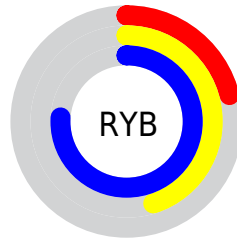
The Yxy color **29.1781, 0.2169, 0.2682** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **19.3454, 0.5169, 0.3716**, and the grayscale version is **22.6462, 0.3127, 0.3290**.




A 20% lighter version of the original color is **58.5387, 0.2351, 0.2810**, and **12.4385, 0.2030, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **27.0347, 0.2093, 0.2584**, and if you desaturate by 10%, it is **31.6124, 0.2264, 0.2779**.

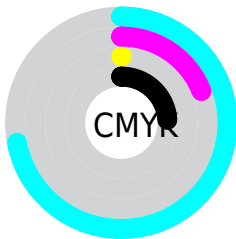
Distribution







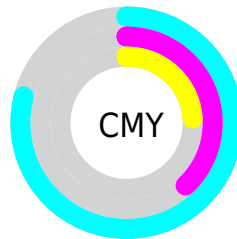
-  Red (21%)
-  Green (62%)
-  Blue (76%)






-  Red (21%)
-  Yellow (45%)
-  Blue (76%)



-  Cyan (72%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (24%)



-  Cyan (79%)
-  Magenta (38%)
-  Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1781, 0.2169, 0.2682 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 29.1781, 0.2169, 0.2682 by changing the saturation by 10% instead.

■ 29.1781, 0.2169,
0.2682

■ 29.1781, 0.2169,
0.2682

■ 298.0544, 0.2663,
0.3015

■ 19.2156, 0.2043,
0.2590

■ 58.3599, 0.2351,
0.2810

■ 11.8262, 0.1882,
0.2468

■ 78.3480, 0.2419,
0.2856

■ 6.6254, 0.1668,
0.2298

■ 102.4468, 0.2476,
0.2894

■ 3.2290, 0.1377,
0.2050

■ 131.0406, 0.2524,
0.2926

■ 1.2524, 0.0968,
0.1669

■ 164.5139, 0.2566,
0.2953

■ 0.1039, 0.0000,
0.0400

203.2510, 0.2603,

■ 0.0000, 0.0000,

0.2977

0.0000

247.6364, 0.2635,
0.2997

■ 29.1781, 0.2169,
0.2682

■ 29.1781, 0.2169,
0.2682

■ 27.0347, 0.2093,
0.2584

■ 31.6124, 0.2264,
0.2779

■ 25.1505, 0.2037,
0.2486

■ 34.3584, 0.2377,
0.2874

■ 23.8398, 0.2004,
0.2412

■ 37.4382, 0.2504,
0.2966

■ 40.8705, 0.2642,
0.3052

■ 44.6727, 0.2788,
0.3133

■ 48.8605, 0.2939,
0.3207

■ 53.4490, 0.3092,
0.3275

■ 58.4521, 0.3244,
0.3336

■ 63.8831, 0.3393,
0.3391

Harmonies

Analogous

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



29.1781, 0.2238, 0.3095



29.1781, 0.2169, 0.2682



29.1781, 0.2323, 0.2472

Triad

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



29.1781, 0.2169, 0.2682



29.1781, 0.3726, 0.2959



29.1781, 0.3517, 0.4260

Complementary

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



29.1781, 0.2169, 0.2682



19.3454, 0.5169, 0.3716

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.



29.1781, 0.3958, 0.4118



29.1781, 0.2169, 0.2682



29.1781, 0.4102, 0.3360

Square

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



29.1781, 0.2169, 0.2682



29.1781, 0.3193, 0.2643



29.1781, 0.4183, 0.3776



29.1781, 0.2993, 0.4087

Rectangle

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



29.1781, 0.2169, 0.2682



29.1781, 0.2543, 0.2448



29.1781, 0.4183, 0.3776



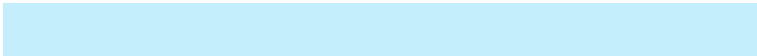
29.1781, 0.3680, 0.4244

Sweetspot

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



29.1791, 0.2169, 0.2682



79.9946, 0.2788, 0.3133



40.5388, 0.2874, 0.5099



17.0906, 0.2747, 0.3111



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.



29.1791, 0.2169, 0.2682



46.3331, 0.2057, 0.2525



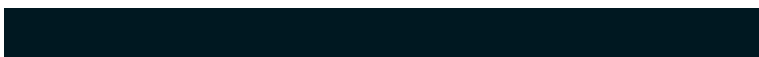
11.9072, 0.1870, 0.1488



10.9668, 0.2984, 0.3228



15.6374, 0.2007, 0.2426



0.7828, 0.2067, 0.2641

Inverse Universe

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



16.7070, 0.3717, 0.2070



25.7899, 0.3889, 0.1979



36.9210, 0.4388, 0.4539



10.2009, 0.3177, 0.3122



8.8608, 0.3997, 0.1976



0.3937, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 29.1781, 0.2169, 0.2682 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 29.1781, 0.2169, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

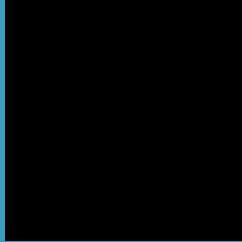
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1781, 0.2169, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 29.1781, 0.2169, 0.2682.

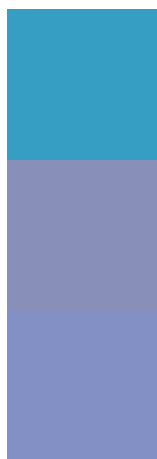


This preview shows how white text looks on a background with the Yxy color 29.1781, 0.2169, 0.2682.

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

29.1781, 0.2169, 0.2682

Protanopia

28.6835, 0.2687, 0.2669

Deuteranopia

28.8490, 0.2549, 0.2491



Tritanopia

29.3479, 0.2238, 0.3060

Trichromacy



Original Color

29.1781, 0.2169, 0.2682

Protanomaly

28.2332, 0.2433, 0.2655

Deuteranomaly

28.4097, 0.2364, 0.2542

Tritanomaly

29.4026, 0.2214, 0.2929

Monochromacy



Original Color

29.1781, 0.2169, 0.2682

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

24.2664, 0.2640, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1781, 0.2169, 0.2682 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(54, 158, 195)` looks like.

```
.text, #text, p{  
    color:rgb(54, 158, 195)  
}
```

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(54, 158, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 158, 195) }
```

Border

The CSS property to change the border of an element to Yxy 29.1781, 0.2169, 0.2682 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(54, 158, 195) }
```

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

```
.border{ border-color:rgb(54, 158, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 158, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 158, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 158, 195);  
box-shadow:4px 4px 4px 4px rgb(54, 158,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1781, 0.2169, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 158, 195) }
```

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

```
.background{ background-color: rgb(54, 158,  
195) }
```

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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