

Converting Colors

$Y_{xy}(29.1353, 0.2092, 0.2172)$

Have a look what the booklet for
Yxy(29.1353, 0.2092, 0.2172)
contains.

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Color

Yxy(29.0210, 0.2092, 0.2169)

Conversions

Conversions Part 1

Format	Color
Hex	4F96E3
RGB	79, 150, 227
RGB Percent	31%, 59%, 89%
CMY	0.6904, 0.4117, 0.1099
CMYK	0.65, 0.34, 0.00, 0.11
HSL	211°, 73%, 60%
HSV	211°, 65%, 89%
XYZ	27.9907, 29.0210, 76.7872
YIQ	137.5490, -67.0330, 8.8950

Conversions

Conversions Part 2

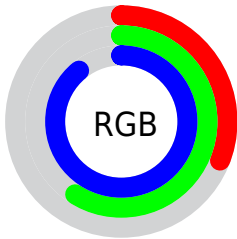
Format	Color
R_{YB}	79, 127, 227
Decimal	5215971
CIE Lab	60.80, 1.62, -45.61
CIE LCh	61, 45.636, 272.035
Yxy	29.0210, 0.2092, 0.2169
Android (android.graphics.Color)	4283406051 (0xFF4F96E3)
YUV	137.5490, 44.0993, -51.3475
Hunter-Lab	53.8711, -1.5282, -46.8014

Details

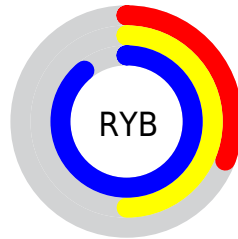
The Yxy color **29.0210, 0.2092, 0.2169** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **40.6446, 0.4566, 0.4128**, and the grayscale version is **25.0801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0685, 0.2417, 0.2677**, and **12.0546, 0.1855, 0.1878** is the 20% darker color. If you saturate the color by 10%, you get **24.6304, 0.1964, 0.1965**, and if you desaturate by 10%, it is **34.1251, 0.2238, 0.2372**.

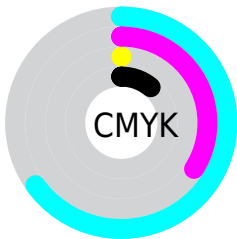
Distribution



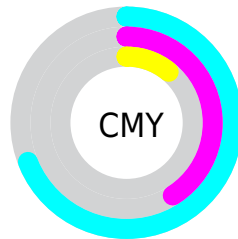
- Red (31%)
- Green (59%)
- Blue (89%)



- Red (31%)
- Yellow (50%)
- Blue (89%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0210, 0.2092, 0.2169 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 29.0210, 0.2092, 0.2169 by changing the saturation by 10% instead.

■ 29.0210, 0.2092,
0.2169

■ 29.0210, 0.2092,
0.2169

■ 297.3140, 0.2621,
0.2740

■ 19.0967, 0.1961,
0.2029

■ 58.1104, 0.2284,
0.2376

■ 11.7402, 0.1796,
0.1853

■ 78.0444, 0.2357,
0.2454

■ 6.5670, 0.1583,
0.1626

■ 102.0837, 0.2418,
0.2520

■ 3.1928, 0.1305,
0.1332

■ 130.6127, 0.2471,
0.2576

■ 1.2332, 0.0941,
0.0949

■ 164.0159, 0.2516,
0.2626

■ 0.0886, 0.0211,
0.0151

■ 202.6775, 0.2556,

■ 0.0000, 0.0000,

0.2668

0.0000

246.9821, 0.2591,
0.2706

■ 29.0210, 0.2092,
0.2169

■ 29.0210, 0.2092,
0.2169

■ 24.6304, 0.1964,
0.1965

■ 34.1251, 0.2238,
0.2372

■ 20.9037, 0.1859,
0.1765

■ 39.9809, 0.2395,
0.2568

■ 17.7867, 0.1779,
0.1575

■ 46.6267, 0.2559,
0.2753

■ 16.4733, 0.1747,
0.1489

■ 54.0969, 0.2725,
0.2925

■ 62.4234, 0.2889,
0.3082

71.6364, 0.3047,
0.3223

81.7642, 0.3198,
0.3348

91.7677, 0.3304,
0.3461

98.3252, 0.3292,
0.3562

Harmonies

Analogous

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



29.0210, 0.1854, 0.2384



29.0210, 0.2092, 0.2169



29.0210, 0.2597, 0.2211

Triad

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



29.0210, 0.2092, 0.2169



29.0210, 0.4537, 0.3427



29.0210, 0.2817, 0.4375

Complementary

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



29.0210, 0.2092, 0.2169



40.6446, 0.4566, 0.4128

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.



29.0210, 0.3532, 0.4666



29.0210, 0.2092, 0.2169



29.0210, 0.4563, 0.3979

Square

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



29.0210, 0.2092, 0.2169



29.0210, 0.4059, 0.2899



29.0210, 0.4175, 0.4458



29.0210, 0.2225, 0.3652

Rectangle

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



29.0210, 0.2092, 0.2169



29.0210, 0.3059, 0.2362



29.0210, 0.4175, 0.4458



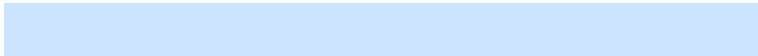
29.0210, 0.3051, 0.4534

Sweetspot

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



29.0220, 0.2092, 0.2169



75.8092, 0.2809, 0.3007



58.9710, 0.2689, 0.4328



15.5790, 0.2763, 0.2962



0.0000, 0.0000, 0.0000



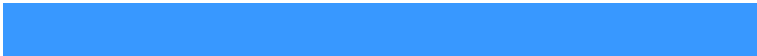
21.4041, 0.3127, 0.3290

Same Dimension

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



29.0220, 0.2092, 0.2169



30.3827, 0.1927, 0.1898



12.8986, 0.1876, 0.1205



15.0230, 0.2981, 0.3165



9.8397, 0.1755, 0.1516



0.9123, 0.1830, 0.1787

Inverse Universe

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



24.1161, 0.4186, 0.2525



26.3512, 0.4526, 0.2469



71.4233, 0.4006, 0.4786



14.4827, 0.3217, 0.3178



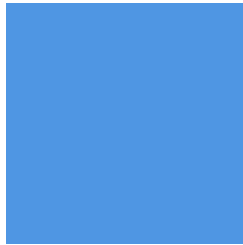
10.1910, 0.5039, 0.2549



0.7718, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 29.0210, 0.2092, 0.2169 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 29.0210, 0.2092, 0.2169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

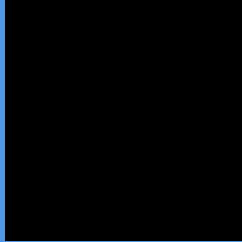
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

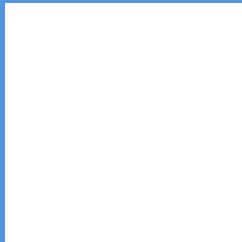
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0210, 0.2092, 0.2169

Background



This preview shows how black text looks on a background with the Yxy color 29.0210, 0.2092, 0.2169.



This preview shows how white text looks on a background with the Yxy color 29.0210, 0.2092, 0.2169.

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

29.0210, 0.2092, 0.2169

Protanopia

28.7169, 0.2309, 0.2185

Deuteranopia

28.9840, 0.2186, 0.2129



Tritanopia

29.1741, 0.2267, 0.3061

Trichromacy



Original Color

29.0210, 0.2092, 0.2169

Protanomaly

28.8285, 0.2221, 0.2185

Deuteranomaly

28.8486, 0.2147, 0.2132

Tritanomaly

28.8940, 0.2191, 0.2696

Monochromacy



Original Color

29.0210, 0.2092, 0.2169

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0302, 0.2635, 0.2827

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0210, 0.2092, 0.2169 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, 150, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 150, 227)  
}
```

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, 150, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 150, 227) }
```

Border

The CSS property to change the border of an element to Yxy 29.0210, 0.2092, 0.2169 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, 150, 227) }
```

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

```
.border{ border-color:rgb(79, 150, 227) }
```

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

Here you see how a box with a 4 pixel rgb(79, 150, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 150, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 150, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 150,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0210, 0.2092, 0.2169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 150, 227) }
```

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

```
.background{ background-color: rgb(79, 150,  
227) }
```

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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