

Converting Colors

$Yxy(25.8514, 0.1970, 0.1908)$

Have a look what the booklet for
Yxy(25.8514, 0.1970, 0.1908)
contains.

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Color

Yxy(25.9705, 0.1972, 0.1914)

Conversions

Conversions Part 1

Format	Color
Hex	428CEC
RGB	66, 140, 236
RGB Percent	26%, 55%, 93%
CMY	0.7417, 0.4509, 0.0745
CMYK	0.72, 0.41, 0.00, 0.07
HSL	214°, 82%, 59%
HSV	214°, 72%, 93%
XYZ	26.7575, 25.9705, 82.9591
YIQ	128.8180, -74.9200, 14.1680

Conversions

Conversions Part 2

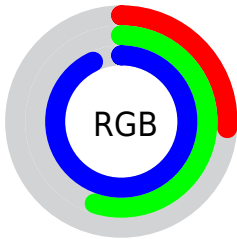
Format	Color
R _Y B	66, 118, 236
Decimal	4361452
CIE Lab	58.01, 8.69, -55.07
CIE LCh	58, 55.749, 278.970
Yxy	25.9705, 0.1972, 0.1914
Android (android.graphics.Color)	4282551532 (0xFF428CEC)
YUV	128.8180, 52.8407, -55.0914
Hunter-Lab	50.9613, 4.5402, -60.8444

Details

The Yxy color **25.9705, 0.1972, 0.1914** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **44.0090, 0.4680, 0.4250**, and the grayscale version is **21.7063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3465, 0.2351, 0.2530**, and **10.7368, 0.1781, 0.1610** is the 20% darker color. If you saturate the color by 10%, you get **21.6567, 0.1854, 0.1697**, and if you desaturate by 10%, it is **31.0943, 0.2112, 0.2136**.

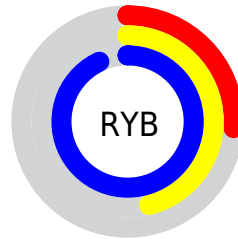
Distribution



Red (26%)

Green (55%)

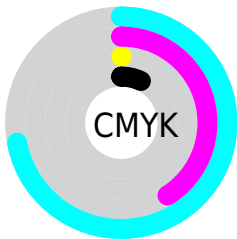
Blue (93%)



Red (26%)

Yellow (46%)

Blue (93%)

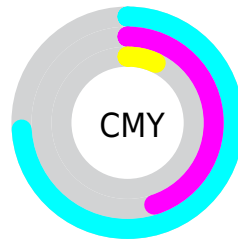


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (7%)



Cyan (74%)

Magenta (45%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9705, 0.1972, 0.1914 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 25.9705, 0.1972, 0.1914 by changing the saturation by 10% instead.

■ 25.9705, 0.1972,
0.1914

■ 25.9705, 0.1972,
0.1914

282.6372, 0.2566,
0.2602

■ 16.8016, 0.1827,
0.1751

■ 53.2274, 0.2187,
0.2159

■ 10.0931, 0.1645,
0.1551

■ 72.0841, 0.2269,
0.2253

■ 5.4607, 0.1415,
0.1302

■ 94.9388, 0.2337,
0.2333

■ 2.5200, 0.1122,
0.0993

■ 122.1760, 0.2396,
0.2402

■ 0.8866, 0.0757,
0.0625

154.1801, 0.2447,
0.2462

■ 0.0000, 0.0004,
0.0000

191.3354, 0.2492,

■ 0.0000, 0.0000,

0.2515

0.0000

234.0263, 0.2531,
0.2561

■ 25.9705, 0.1972,
0.1914

■ 25.9705, 0.1972,
0.1914

■ 21.6567, 0.1854,
0.1697

■ 31.0943, 0.2112,
0.2136

■ 18.0892, 0.1762,
0.1493

■ 37.0787, 0.2269,
0.2355

■ 15.7301, 0.1707,
0.1344

■ 43.9719, 0.2435,
0.2566

■ 51.8172, 0.2605,
0.2765

■ 60.6546, 0.2774,
0.2947

70.5216, 0.2938,
0.3113

81.4535, 0.3095,
0.3261

93.4839, 0.3243,
0.3393

98.8361, 0.3238,
0.3473

Harmonies

Analogous

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



25.9705, 0.1624, 0.2074



25.9705, 0.1972, 0.1914



25.9705, 0.2643, 0.2034

Triad

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



25.9705, 0.1972, 0.1914



25.9705, 0.4960, 0.3561



25.9705, 0.2521, 0.4525

Complementary

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



25.9705, 0.1972, 0.1914



44.0090, 0.4680, 0.4250

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.



25.9705, 0.3379, 0.5041



25.9705, 0.1972, 0.1914



25.9705, 0.4820, 0.4225

Square

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



25.9705, 0.1972, 0.1914



25.9705, 0.4489, 0.2929



25.9705, 0.4217, 0.4820



25.9705, 0.1879, 0.3490

Rectangle

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



25.9705, 0.1972, 0.1914



25.9705, 0.3248, 0.2249



25.9705, 0.4217, 0.4820



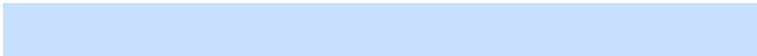
25.9705, 0.2794, 0.4783

Sweetspot

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



25.9713, 0.1972, 0.1914



72.3124, 0.2774, 0.2947



63.6628, 0.2649, 0.4377



14.8381, 0.2728, 0.2899



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.



25.9713, 0.1972, 0.1914



23.4708, 0.1802, 0.1587



11.4066, 0.1782, 0.1020



15.6291, 0.2980, 0.3154



8.9179, 0.1715, 0.1373



0.8886, 0.1789, 0.1642

Inverse Universe

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



23.6069, 0.4482, 0.2564



23.9637, 0.4923, 0.2575



76.7940, 0.4020, 0.4915



15.1631, 0.3225, 0.3188



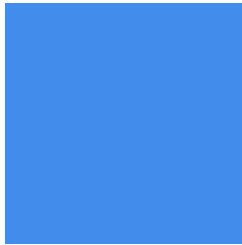
10.3931, 0.5227, 0.2653



0.8351, 0.4879, 0.2461

Previews

White Background



This preview shows how the Yxy color 25.9705, 0.1972, 0.1914 looks on a white background.

Color Contrast Check

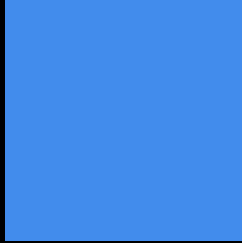
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9705, 0.1972, 0.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

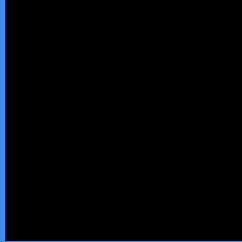
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

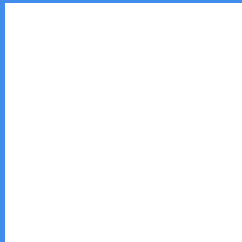
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9705, 0.1972, 0.1914

Background



This preview shows how black text looks on a background with the Yxy color 25.9705, 0.1972, 0.1914.



This preview shows how white text looks on a background with the Yxy color 25.9705, 0.1972, 0.1914.

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

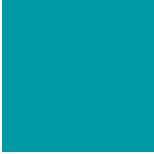
25.9705, 0.1972, 0.1914

Protanopia

25.7508, 0.2112, 0.1924

Deuteranopia

26.0056, 0.1976, 0.1915



Tritanopia

25.8644, 0.2185, 0.3065

Trichromacy



Original Color

25.9705, 0.1972, 0.1914

Protanomaly

25.7529, 0.2054, 0.1924

Deuteranomaly

26.0056, 0.1976, 0.1915

Tritanomaly

25.4507, 0.2071, 0.2568

Monochromacy



Original Color

25.9705, 0.1972, 0.1914

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6664, 0.2537, 0.2687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9705, 0.1972, 0.1914 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(66, 140, 236)` looks like.

```
.text, #text, p{  
    color:rgb(66, 140, 236)  
}
```

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(66, 140, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 140, 236) }
```

Border

The CSS property to change the border of an element to Yxy 25.9705, 0.1972, 0.1914 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(66, 140, 236) }
```

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

```
.border{ border-color:rgb(66, 140, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 140, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 140, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 140, 236);  
box-shadow:4px 4px 4px 4px rgb(66, 140,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9705, 0.1972, 0.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 140, 236) }
```

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

```
.background{ background-color: rgb(66, 140,  
236) }
```

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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