

Converting Colors

$Y_{xy}(25.7295, 0.1926, 0.1925)$

Have a look what the booklet for
Yxy(25.7295, 0.1926, 0.1925)
contains.

Yxy(25.6522, 0.1924, 0.1921)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6522, 0.1924, 0.1921)

Conversions

Conversions Part 1

Format	Color
Hex	2F8DEB
RGB	47, 141, 235
RGB Percent	18%, 55%, 92%
CMY	0.8156, 0.4471, 0.0784
CMYK	0.80, 0.40, 0.00, 0.08
HSL	210°, 82%, 55%
HSV	210°, 80%, 92%
XYZ	25.6923, 25.6522, 82.1912
YIQ	123.6100, -86.1980, 9.3060

Conversions

Conversions Part 2

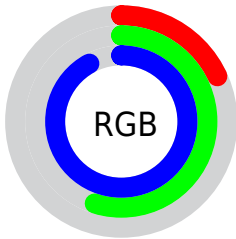
Format	Color
R_{YB}	47, 110, 235
Decimal	3116523
CIE _{Lab}	57.71, 5.59, -55.03
CIE _{LCh}	58, 55.309, 275.804
Yxy	25.6522, 0.1924, 0.1921
Android (android.graphics.Color)	4281306603 (0xFF2F8DEB)
YUV	123.6100, 54.9153, -67.1870
Hunter-Lab	50.6480, 1.9139, -60.7618

Details

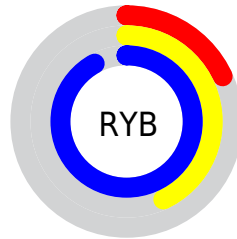
The Yxy color **25.6522, 0.1924, 0.1921** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **36.9223, 0.4994, 0.4162**, and the grayscale version is **19.8581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8685, 0.2296, 0.2532**, and **10.9090, 0.1786, 0.1628** is the 20% darker color. If you saturate the color by 10%, you get **21.9529, 0.1833, 0.1731**, and if you desaturate by 10%, it is **30.0210, 0.2039, 0.2117**.

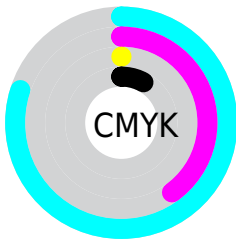
Distribution



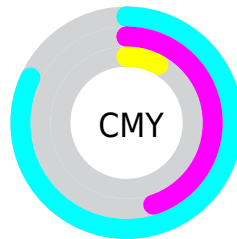
- Red (18%)
- Green (55%)
- Blue (92%)



- Red (18%)
- Yellow (43%)
- Blue (92%)



- Cyan (80%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)




- Cyan (82%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6522, 0.1924, 0.1921 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 25.6522, 0.1924, 0.1921 by changing the saturation by 10% instead.


 25.6522, 0.1924,
0.1921


 25.6522, 0.1924,
0.1921


281.0706, 0.2540,
0.2610

 16.5636, 0.1774,
0.1757


 52.7133, 0.2147,
0.2167


 9.9239, 0.1587,
0.1554


 71.4547, 0.2231,
0.2262


 5.3485, 0.1352,
0.1303

 94.1824, 0.2303,
0.2342

 2.4532, 0.1054,
0.0990

 121.2809, 0.2364,
0.2411

 0.8530, 0.0689,
0.0618

 153.1346, 0.2417,
0.2470

 0.0000, 0.0000,
0.0000

190.1278, 0.2463,

0.2523

232.6450, 0.2504,
0.2569

■ 25.6522, 0.1924,
0.1921

■ 25.6522, 0.1924,
0.1921

■ 21.9529, 0.1833,
0.1731

■ 30.0210, 0.2039,
0.2117

■ 18.8374, 0.1765,
0.1552

■ 35.1102, 0.2174,
0.2314

■ 18.8344, 0.1765,
0.1552

■ 40.9665, 0.2324,
0.2506

■ 47.6312, 0.2483,
0.2690

■ 55.1417, 0.2647,
0.2862

■ 63.5328, 0.2811,
0.3019

■ 72.8371, 0.2972,
0.3162

■ 83.0852, 0.3127,
0.3290

■ 93.6325, 0.3252,
0.3405

Harmonies

Analogous

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



25.6522, 0.1609, 0.2114



25.6522, 0.1924, 0.1921



25.6522, 0.2559, 0.2013

Triad

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



25.6522, 0.1924, 0.1921



25.6522, 0.4933, 0.3492



25.6522, 0.2608, 0.4609

Complementary

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



25.6522, 0.1924, 0.1921



36.9223, 0.4994, 0.4162

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.



25.6522, 0.3472, 0.5041



25.6522, 0.1924, 0.1921



25.6522, 0.4855, 0.4154

Square

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



25.6522, 0.1924, 0.1921



25.6522, 0.4403, 0.2869



25.6522, 0.4292, 0.4763



25.6522, 0.1935, 0.3602

Rectangle

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



25.6522, 0.1924, 0.1921



25.6522, 0.3147, 0.2211



25.6522, 0.4292, 0.4763



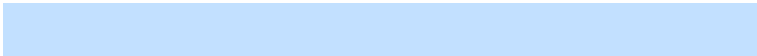
25.6522, 0.2886, 0.4841

Sweetspot

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



25.6530, 0.1924, 0.1921



72.1879, 0.2744, 0.2956



61.9429, 0.2685, 0.4660



14.6850, 0.2685, 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.



25.6530, 0.1924, 0.1921



23.9485, 0.1788, 0.1615



8.6378, 0.1634, 0.0821



15.7932, 0.2981, 0.3169



10.7380, 0.1772, 0.1580



1.0356, 0.1842, 0.1830

Inverse Universe

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



21.6196, 0.4506, 0.2430



23.1635, 0.4907, 0.2495



77.2816, 0.4134, 0.4955



15.1797, 0.3215, 0.3173



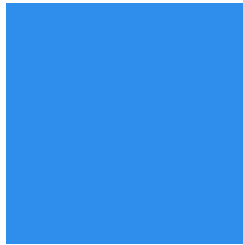
10.5768, 0.4956, 0.2504



0.8500, 0.4649, 0.2335

Previews

White Background



This preview shows how the Yxy color 25.6522, 0.1924, 0.1921 looks on a white background.

Color Contrast Check

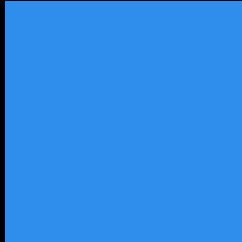
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6522, 0.1924, 0.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

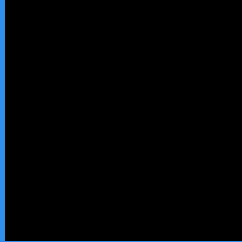
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

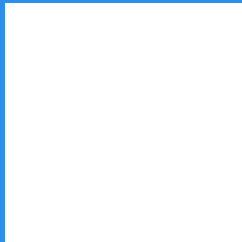
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6522, 0.1924, 0.1921

Background



This preview shows how black text looks on a background with the Yxy color 25.6522, 0.1924, 0.1921.



This preview shows how white text looks on a background with the Yxy color 25.6522, 0.1924, 0.1921.

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

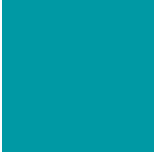
25.6522, 0.1924, 0.1921

Protanopia

25.6377, 0.2131, 0.1954

Deuteranopia

25.5872, 0.1969, 0.1908



Tritanopia

25.4628, 0.2189, 0.3081

Trichromacy



Original Color

25.6522, 0.1924, 0.1921

Protanomaly

25.3663, 0.2034, 0.1934

Deuteranomaly

25.6539, 0.1950, 0.1915

Tritanomaly

25.3318, 0.2066, 0.2581

Monochromacy



Original Color

25.6522, 0.1924, 0.1921

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.1324, 0.2475, 0.2681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6522, 0.1924, 0.1921 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(47, 141, 235)` looks like.

```
.text, #text, p{  
    color:rgb(47, 141, 235)  
}
```

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(47, 141, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 141, 235) }
```

Border

The CSS property to change the border of an element to Yxy 25.6522, 0.1924, 0.1921 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(47, 141, 235) }
```

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

```
.border{ border-color:rgb(47, 141, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 141, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 141, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 141, 235);  
box-shadow:4px 4px 4px 4px rgb(47, 141,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6522, 0.1924, 0.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 141, 235) }
```

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

```
.background{ background-color: rgb(47, 141,  
235) }
```

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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