

Converting Colors

$Yxy(53.6365, 0.2559, 0.2683)$

Have a look what the booklet for
Yxy(53.6365, 0.2559, 0.2683)
contains.

Yxy(53.8151, 0.2564, 0.2691)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.8151, 0.2564, 0.2691)

Conversions

Conversions Part 1

Format	Color
Hex	A2C4F6
RGB	162, 196, 246
RGB Percent	64%, 77%, 96%
CMY	0.3647, 0.2314, 0.0352
CMYK	0.34, 0.20, 0.00, 0.04
HSL	216°, 82%, 80%
HSV	216°, 34%, 96%
XYZ	51.2753, 53.8151, 94.8914
YIQ	191.5340, -36.3140, 8.3420

Conversions

Conversions Part 2

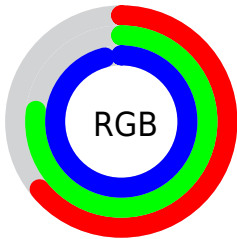
Format	Color
RYB	162, 186, 246
Decimal	10667254
CIELab	78.35, 0.33, -28.36
CIElCh	78, 28.361, 270.672
Yxy	53.8151, 0.2564, 0.2691
Android (android.graphics.Color)	4288857334 (0xFFA2C4F6)
YUV	191.5340, 26.8517, -25.9013
Hunter-Lab	73.3588, -3.6123, -25.3419

Details

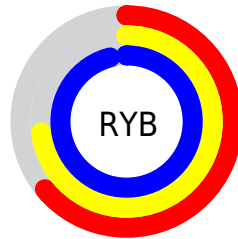
The Yxy color **53.8151, 0.2564, 0.2691** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.2965, 0.3754, 0.3821**, and the grayscale version is **52.2838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9009, 0.2910, 0.3259**, and **26.2519, 0.2422, 0.2528** is the 20% darker color. If you saturate the color by 10%, you get **45.2008, 0.2391, 0.2477**, and if you desaturate by 10%, it is **63.5824, 0.2737, 0.2888**.

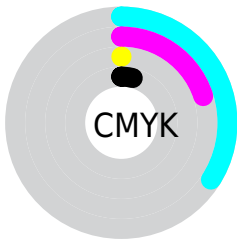
Distribution



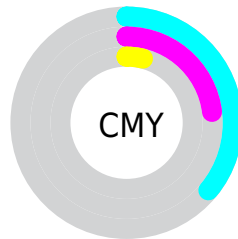
- Red (64%)
- Green (77%)
- Blue (96%)



- Red (64%)
- Yellow (73%)
- Blue (96%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8151, 0.2564, 0.2691 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 53.8151, 0.2564, 0.2691 by changing the saturation by 10% instead.

■ 53.8151, 0.2564,
0.2691

■ 53.8151, 0.2564,
0.2691

401.4045, 0.2833,
0.2977

■ 38.4539, 0.2501,
0.2624

■ 95.8027, 0.2659,
0.2792

■ 26.3351, 0.2422,
0.2540

■ 123.1979, 0.2695,
0.2831

■ 17.0745, 0.2321,
0.2434

155.3731, 0.2727,
0.2864

■ 10.2876, 0.2189,
0.2293

192.7128, 0.2754,
0.2893

■ 5.5901, 0.2007,
0.2101

235.6015, 0.2777,
0.2918

■ 2.5975, 0.1747,
0.1825

284.4233, 0.2798,

■ 0.9254, 0.1355,

0.2940

0.1412

339.5629, 0.2817,
0.2960

0.0000, 0.0000,
0.0000

53.8151, 0.2564,
0.2691

53.8151, 0.2564,
0.2691

45.2008, 0.2391,
0.2477

63.5824, 0.2737,
0.2888

37.6852, 0.2222,
0.2251

74.5412, 0.2904,
0.3068

31.2188, 0.2063,
0.2018

86.7357, 0.3064,
0.3229

25.7445, 0.1923,
0.1785

99.1675, 0.3179,
0.3372

21.1986, 0.1807,
0.1562

99.4352, 0.3179,
0.3376

■ 17.5064, 0.1719,
0.1356

■ 15.6899, 0.1679,
0.1246

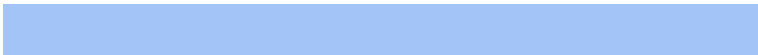
Harmonies

Analogous

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



53.8151, 0.2432, 0.2840



53.8151, 0.2564, 0.2691



53.8151, 0.2844, 0.2694

Triad

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



53.8151, 0.2564, 0.2691



53.8151, 0.3830, 0.3384



53.8151, 0.3005, 0.3816

Complementary

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



53.8151, 0.2564, 0.2691



69.2965, 0.3754, 0.3821

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.



53.8151, 0.3381, 0.3966



53.8151, 0.2564, 0.2691



53.8151, 0.3872, 0.3683

Square

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



53.8151, 0.2564, 0.2691



53.8151, 0.3585, 0.3081



53.8151, 0.3702, 0.3905



53.8151, 0.2675, 0.3496

Rectangle

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



53.8151, 0.2564, 0.2691



53.8151, 0.3088, 0.2775



53.8151, 0.3702, 0.3905



53.8151, 0.3130, 0.3889

Sweetspot

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



53.8172, 0.2564, 0.2691



86.1756, 0.2971, 0.3137



78.3095, 0.2818, 0.3702



18.0529, 0.2948, 0.3114



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.



53.8172, 0.2564, 0.2691



51.7847, 0.2444, 0.2545



40.9263, 0.2558, 0.2280



17.0279, 0.2980, 0.3145



8.6311, 0.1688, 0.1276



0.9547, 0.1756, 0.1522

Inverse Universe

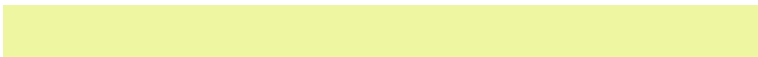
The Inverse Universe completely reimagines the original color for something new.



49.4196, 0.3606, 0.2926



47.0565, 0.3746, 0.2852



86.8882, 0.3593, 0.4158



16.5937, 0.3230, 0.3195



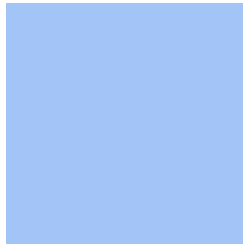
10.9707, 0.5360, 0.2726



0.9840, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 53.8151, 0.2564, 0.2691 looks on a white background.

Color Contrast Check

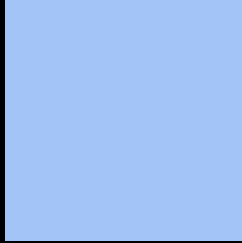
Large Text (above 18pt) WCAG AA × Fail

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 53.8151, 0.2564, 0.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

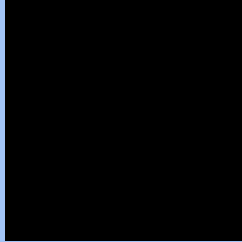
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

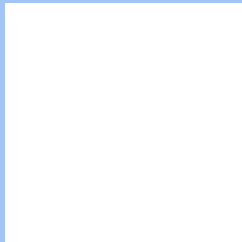
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8151, 0.2564, 0.2691

Background



This preview shows how black text looks on a background with the Yxy color 53.8151, 0.2564, 0.2691.



This preview shows how white text looks on a background with the Yxy color 53.8151, 0.2564, 0.2691.

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

53.8151, 0.2564, 0.2691

Protanopia

53.5564, 0.2697, 0.2682

Deuteranopia

53.7327, 0.2692, 0.2632



Tritanopia

53.7516, 0.2694, 0.3085

Trichromacy



Original Color

53.8151, 0.2564, 0.2691

Protanomaly

53.6703, 0.2647, 0.2688

Deuteranomaly

53.6448, 0.2641, 0.2646

Tritanomaly

53.7174, 0.2645, 0.2928

Monochromacy



Original Color

53.8151, 0.2564, 0.2691

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7172, 0.2898, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8151, 0.2564, 0.2691 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(162, 196, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 196, 246)  
}
```

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(162, 196, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 196, 246) }
```

Border

The CSS property to change the border of an element to Yxy 53.8151, 0.2564, 0.2691 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(162, 196, 246) }
```

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

```
.border{ border-color:rgb(162, 196, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 196, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 196, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 196, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 196,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8151, 0.2564, 0.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 196, 246) }
```

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

```
.background{ background-color: rgb(162,  
196, 246) }
```

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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