

Converting Colors

$Yxy(53.6587, 0.2563, 0.2760)$

Have a look what the booklet for
Yxy(53.6587, 0.2563, 0.2760)
contains.

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Color

Yxy(53.4515, 0.2563, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	9DC5F1
RGB	157, 197, 241
RGB Percent	62%, 77%, 95%
CMY	0.3843, 0.2274, 0.0550
CMYK	0.35, 0.18, 0.00, 0.06
HSL	211°, 75%, 78%
HSV	211°, 35%, 94%
XYZ	49.7444, 53.4515, 90.8908
YIQ	190.0560, -37.9640, 5.2040

Conversions

Conversions Part 2

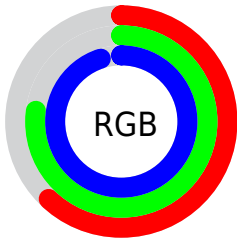
Format	Color
R _Y B	157, 184, 241
Decimal	10339825
CIE Lab	78.14, -2.84, -26.00
CIE LCh	78, 26.157, 263.765
Yxy	53.4515, 0.2563, 0.2754
Android (android.graphics.Color)	4288529905 (0xFF9DC5F1)
YUV	190.0560, 25.1154, -28.9901
Hunter-Lab	73.1105, -6.4919, -22.5318

Details

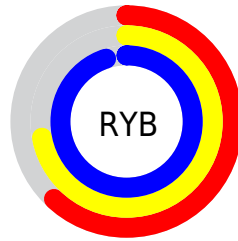
The Yxy color **53.4515, 0.2563, 0.2754** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.8880, 0.3790, 0.3770**, and the grayscale version is **51.3964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2498, 0.2877, 0.3279**, and **26.0313, 0.2421, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **45.7717, 0.2398, 0.2567**, and if you desaturate by 10%, it is **62.0930, 0.2730, 0.2927**.

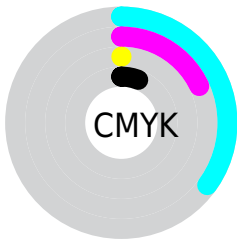
Distribution



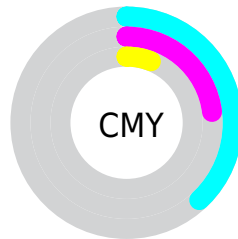
- Red (62%)
- Green (77%)
- Blue (95%)



- Red (62%)
- Yellow (72%)
- Blue (95%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (38%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4515, 0.2563, 0.2754 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 53.4515, 0.2563, 0.2754 by changing the saturation by 10% instead.

■ 53.4515, 0.2563,
0.2754

■ 53.4515, 0.2563,
0.2754

■ 400.0149, 0.2833,
0.3013

■ 38.1633, 0.2500,
0.2693

■ 95.2684, 0.2658,
0.2846

■ 26.1095, 0.2420,
0.2616

■ 122.5659, 0.2695,
0.2881

■ 16.9056, 0.2319,
0.2517

■ 154.6354, 0.2726,
0.2911

■ 10.1672, 0.2186,
0.2386

■ 191.8611, 0.2753,
0.2937

■ 5.5099, 0.2002,
0.2204

■ 234.6275, 0.2777,
0.2959

■ 2.5495, 0.1738,
0.1938

■ 283.3191, 0.2798,

■ 0.9013, 0.1335,

0.2979

0.1528

338.3201, 0.2816,
0.2997

0.0000, 0.0000,
0.0000

53.4515, 0.2563,
0.2754

53.4515, 0.2563,
0.2754

45.7717, 0.2398,
0.2567

62.0930, 0.2730,
0.2927

39.0075, 0.2239,
0.2369

71.7271, 0.2894,
0.3085

33.1175, 0.2092,
0.2164

82.3909, 0.3053,
0.3227

28.0540, 0.1963,
0.1957

94.1174, 0.3204,
0.3353

23.7629, 0.1857,
0.1756

99.1291, 0.3209,
0.3425

■ 20.1800, 0.1776,
0.1565

■ 18.5660, 0.1742,
0.1472

Harmonies

Analogous

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



53.4515, 0.2476, 0.2927



53.4515, 0.2563, 0.2754



53.4515, 0.2796, 0.2724

Triad

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



53.4515, 0.2563, 0.2754



53.4515, 0.3739, 0.3312



53.4515, 0.3095, 0.3822

Complementary

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



53.4515, 0.2563, 0.2754



62.8880, 0.3790, 0.3770

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.



53.4515, 0.3440, 0.3917



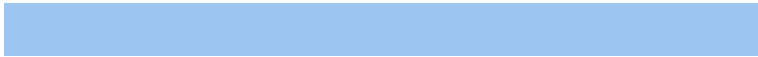
53.4515, 0.2563, 0.2754



53.4515, 0.3824, 0.3597

Square

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



53.4515, 0.2563, 0.2754



53.4515, 0.3478, 0.3038



53.4515, 0.3711, 0.3823



53.4515, 0.2771, 0.3556

Rectangle

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



53.4515, 0.2563, 0.2754



53.4515, 0.3011, 0.2779



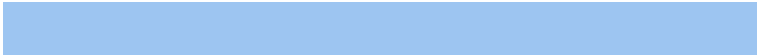
53.4515, 0.3711, 0.3823



53.4515, 0.3213, 0.3876

Sweetspot

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



53.4536, 0.2563, 0.2754



87.2558, 0.2971, 0.3155



74.2501, 0.2843, 0.3782



18.3137, 0.2949, 0.3135



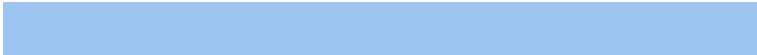
0.0000, 0.0000, 0.0000



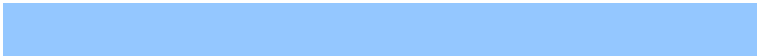
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4536, 0.2563, 0.2754



54.3189, 0.2442, 0.2619



37.7743, 0.2504, 0.2246



16.4711, 0.2980, 0.3163



10.3369, 0.1750, 0.1501



1.0579, 0.1818, 0.1746

Inverse Universe

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



46.8424, 0.3560, 0.2856



46.5285, 0.3690, 0.2764



83.7783, 0.3642, 0.4162



15.8843, 0.3218, 0.3178



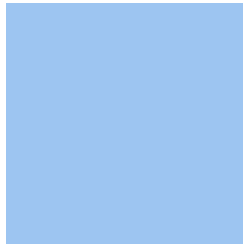
10.8369, 0.5058, 0.2560



0.9215, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 53.4515, 0.2563, 0.2754 looks on a white background.

Color Contrast Check

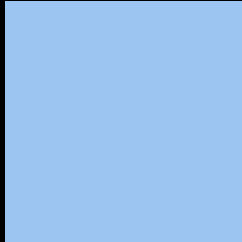
Large Text (above 18pt) WCAG AA × Fail

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 53.4515, 0.2563, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

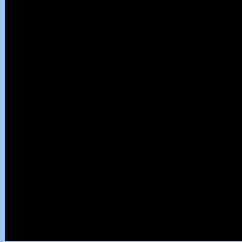
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

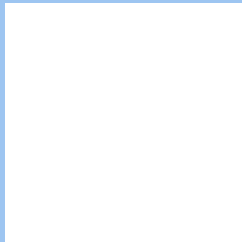
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4515, 0.2563, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 53.4515, 0.2563, 0.2754.



This preview shows how white text looks on a background with the Yxy color 53.4515, 0.2563, 0.2754.

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

53.4515, 0.2563, 0.2754

Protanopia

53.3211, 0.2741, 0.2747

Deuteranopia

53.3054, 0.2729, 0.2663



Tritanopia

53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.4515, 0.2563, 0.2754

Protanomaly

53.1972, 0.2676, 0.2751

Deuteranomaly

53.2240, 0.2664, 0.2698

Tritanomaly

53.5718, 0.2627, 0.2962

Monochromacy



Original Color

53.4515, 0.2563, 0.2754

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2084, 0.2896, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4515, 0.2563, 0.2754 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(157, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 241)  
}
```

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(157, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 241) }
```

Border

The CSS property to change the border of an element to Yxy 53.4515, 0.2563, 0.2754 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(157, 197, 241) }
```

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

```
.border{ border-color:rgb(157, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(157, 197,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4515, 0.2563, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 241) }
```

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

```
.background{ background-color: rgb(157,  
197, 241) }
```

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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