

Converting Colors

$Y_{xy}(53.3661, 0.2410, 0.2644)$

Have a look what the booklet for
Yxy(53.3661, 0.2410, 0.2644)
contains.

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Color

Yxy(53.3641, 0.2410, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	8BC7FC
RGB	139, 199, 252
RGB Percent	55%, 78%, 99%
CMY	0.4549, 0.2196, 0.0118
CMYK	0.45, 0.21, 0.00, 0.01
HSL	208°, 95%, 77%
HSV	208°, 45%, 99%
XYZ	48.6413, 53.3641, 99.8256
YIQ	187.1020, -52.7730, 3.7630

Conversions

Conversions Part 2

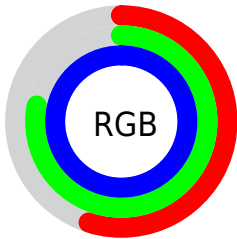
Format	Color
RYB	139, 178, 252
Decimal	9160700
CIELab	78.09, -5.62, -32.07
CIELCh	78, 32.559, 260.059
Yxy	53.3641, 0.2410, 0.2644
Android (android.graphics.Color)	4287350780 (0xFF8BC7FC)
YUV	187.1020, 31.9947, -42.1855
Hunter-Lab	73.0507, -8.9835, -29.8857

Details

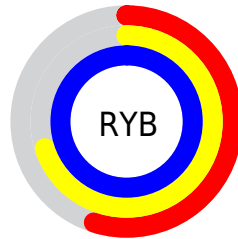
The Yxy color **53.3641, 0.2410, 0.2644** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.2581, 0.4064, 0.3847**, and the grayscale version is **49.5951, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.9848, 0.2237, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **46.2116, 0.2258, 0.2467**, and if you desaturate by 10%, it is **61.4429, 0.2570, 0.2811**.

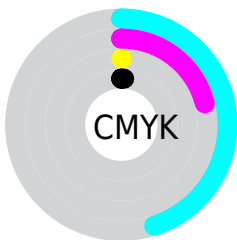
Distribution



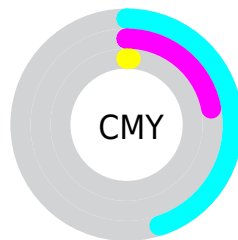
- Red (55%)
- Green (78%)
- Blue (99%)



- Red (55%)
- Yellow (70%)
- Blue (99%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (45%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3641, 0.2410, 0.2644 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 53.3641, 0.2410, 0.2644 by changing the saturation by 10% instead.

■ 53.3641, 0.2410,
0.2644

■ 53.3641, 0.2410,
0.2644

■ 399.6805, 0.2750,
0.2955

■ 38.0935, 0.2332,
0.2571

■ 95.1399, 0.2529,
0.2754

■ 26.0553, 0.2234,
0.2479

■ 122.4139, 0.2575,
0.2796

■ 16.8650, 0.2111,
0.2363

■ 154.4579, 0.2614,
0.2832

■ 10.1383, 0.1952,
0.2209

■ 191.6562, 0.2648,
0.2864

■ 5.4907, 0.1738,
0.2001

■ 234.3932, 0.2678,
0.2891

■ 2.5380, 0.1441,
0.1705

■ 283.0533, 0.2705,

■ 0.8956, 0.1015,

0.2915

0.1273

338.0209, 0.2729,
0.2936

0.0000, 0.0000,
0.0000

53.3641, 0.2410,
0.2644

53.3641, 0.2410,
0.2644

46.2116, 0.2258,
0.2467

61.4429, 0.2570,
0.2811

39.9351, 0.2119,
0.2284

70.4827, 0.2732,
0.2965

34.4874, 0.1998,
0.2098

80.5233, 0.2894,
0.3106

29.8124, 0.1899,
0.1915

91.6004, 0.3053,
0.3233

25.8433, 0.1824,
0.1739

99.8079, 0.3144,
0.3319

■ 24.0245, 0.1792,
0.1652

Harmonies

Analogous

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



53.3641, 0.2328, 0.2870



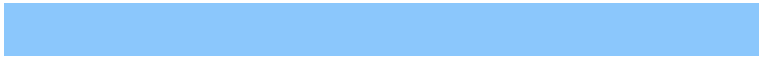
53.3641, 0.2410, 0.2644



53.3641, 0.2672, 0.2591

Triad

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



53.3641, 0.2410, 0.2644



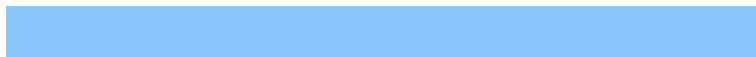
53.3641, 0.3862, 0.3267



53.3641, 0.3135, 0.3991

Complementary

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



53.3641, 0.2410, 0.2644



60.2581, 0.4064, 0.3847

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.



53.3641, 0.3559, 0.4072



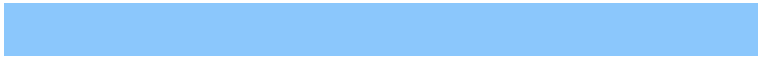
53.3641, 0.2410, 0.2644



53.3641, 0.3997, 0.3617

Square

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



53.3641, 0.2410, 0.2644



53.3641, 0.3512, 0.2941



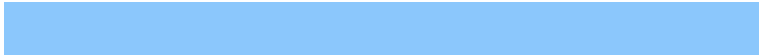
53.3641, 0.3880, 0.3917



53.3641, 0.2727, 0.3674

Rectangle

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



53.3641, 0.2410, 0.2644



53.3641, 0.2927, 0.2647



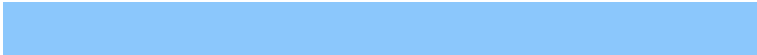
53.3641, 0.3880, 0.3917



53.3641, 0.3281, 0.4047

Sweetspot

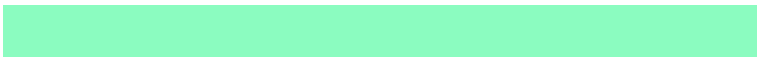
The Sweet Spot groups the original color and five complimentary colors.



53.3661, 0.2410, 0.2644



84.7241, 0.2924, 0.3130



78.9006, 0.2805, 0.4028



17.6183, 0.2888, 0.3101



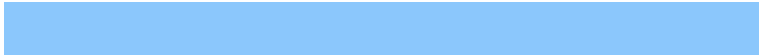
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



53.3661, 0.2410, 0.2644



48.0307, 0.2270, 0.2482



32.0956, 0.2284, 0.1929



18.1691, 0.2980, 0.3176



12.8135, 0.1800, 0.1680



1.3991, 0.1857, 0.1886

Inverse Universe

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



43.2861, 0.3679, 0.2668



37.7886, 0.3849, 0.2553



89.8332, 0.3809, 0.4363



17.3793, 0.3210, 0.3165



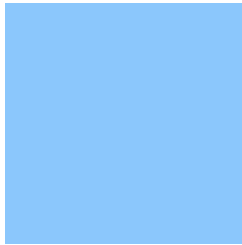
11.7044, 0.4831, 0.2435



1.1055, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 53.3641, 0.2410, 0.2644 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 53.3641, 0.2410, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

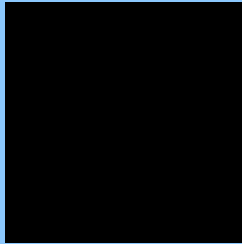
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

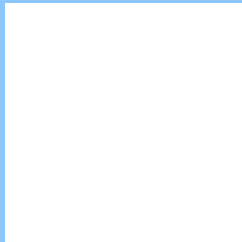
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3641, 0.2410, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 53.3641, 0.2410, 0.2644.



This preview shows how white text looks on a background with the Yxy color 53.3641, 0.2410, 0.2644.

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

53.3641, 0.2410, 0.2644

Protanopia

52.9457, 0.2658, 0.2635

Deuteranopia

52.8981, 0.2604, 0.2540



Tritanopia

53.6289, 0.2532, 0.3079

Trichromacy



Original Color

53.3641, 0.2410, 0.2644

Protanomaly

52.8098, 0.2561, 0.2635

Deuteranomaly

53.0183, 0.2528, 0.2582

Tritanomaly

53.5246, 0.2486, 0.2919

Monochromacy



Original Color

53.3641, 0.2410, 0.2644

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5108, 0.2823, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3641, 0.2410, 0.2644 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(139, 199, 252)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 252)  
}
```

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(139, 199, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 252) }
```

Border

The CSS property to change the border of an element to Yxy 53.3641, 0.2410, 0.2644 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(139, 199, 252) }
```

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

```
.border{ border-color:rgb(139, 199, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 252);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3641, 0.2410, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 252) }
```

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

```
.background{ background-color: rgb(139,  
199, 252) }
```

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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