

Converting Colors

$Yxy(50.3494, 0.2467, 0.2738)$

Have a look what the booklet for
Yxy(50.3494, 0.2467, 0.2738)
contains.

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Color

Yxy(50.2456, 0.2468, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	8BC2EE
RGB	139, 194, 238
RGB Percent	55%, 76%, 93%
CMY	0.4553, 0.2391, 0.0668
CMYK	0.42, 0.18, 0.00, 0.07
HSL	207°, 74%, 74%
HSV	207°, 42%, 93%
XYZ	45.3570, 50.2456, 88.1779
YIQ	182.5710, -46.9040, 2.0240

Conversions

Conversions Part 2

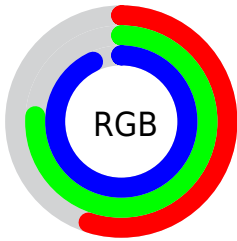
Format	Color
RYB	139, 174, 238
Decimal	9159406
CIELab	76.22, -6.77, -27.42
CIELCh	76, 28.246, 256.126
Yxy	50.2456, 0.2468, 0.2734
Android (android.graphics.Color)	4287349486 (0xFF8BC2EE)
YUV	182.5710, 27.3265, -38.2118
Hunter-Lab	70.8841, -9.8294, -24.1362

Details

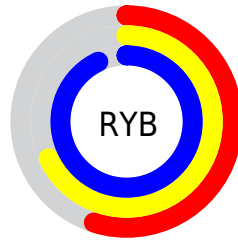
The Yxy color **50.2456, 0.2468, 0.2734** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.8435, 0.3988, 0.3780**, and the grayscale version is **46.9645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3270, 0.2779, 0.3236**, and **24.2662, 0.2301, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **43.8841, 0.2317, 0.2571**, and if you desaturate by 10%, it is **57.3905, 0.2626, 0.2887**.

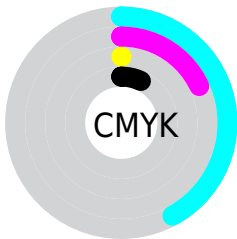
Distribution



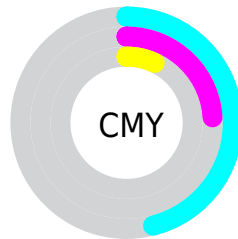
- Red (55%)
- Green (76%)
- Blue (93%)



- Red (55%)
- Yellow (68%)
- Blue (93%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2456, 0.2468, 0.2734 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 50.2456, 0.2468, 0.2734 by changing the saturation by 10% instead.

■ 50.2456, 0.2468,
0.2734

■ 50.2456, 0.2468,
0.2734

387.6256, 0.2785,
0.3007

■ 35.6086, 0.2393,
0.2668

■ 90.5387, 0.2580,
0.2832

■ 24.1320, 0.2300,
0.2585

■ 116.9635, 0.2623,
0.2869

■ 15.4316, 0.2181,
0.2478

148.0864, 0.2660,
0.2900

■ 9.1229, 0.2024,
0.2334

184.2917, 0.2691,
0.2928

■ 4.8214, 0.1809,
0.2132

225.9639, 0.2719,
0.2951

■ 2.1429, 0.1502,
0.1836

273.4874, 0.2744,

■ 0.6886, 0.0970,

0.2972

0.1365

327.2465, 0.2765,
0.2991

0.0000, 0.0000,
0.0000

50.2456, 0.2468,
0.2734

50.2456, 0.2468,
0.2734

43.8841, 0.2317,
0.2571

57.3905, 0.2626,
0.2887

38.2643, 0.2177,
0.2401

65.3465, 0.2787,
0.3028

33.3481, 0.2054,
0.2226

74.1464, 0.2946,
0.3157

29.0906, 0.1950,
0.2052

83.8193, 0.3102,
0.3272

25.4391, 0.1870,
0.1882

93.8395, 0.3233,
0.3376

■ 22.7827, 0.1818,
0.1745

■ 98.9517, 0.3226,
0.3454

Harmonies

Analogous

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



50.2456, 0.2417, 0.2959



50.2456, 0.2468, 0.2734



50.2456, 0.2684, 0.2663

Triad

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



50.2456, 0.2468, 0.2734



50.2456, 0.3745, 0.3232



50.2456, 0.3189, 0.3928

Complementary

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



50.2456, 0.2468, 0.2734



53.8435, 0.3988, 0.3780

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.



50.2456, 0.3558, 0.3974



50.2456, 0.2468, 0.2734



50.2456, 0.3894, 0.3546

Square

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



50.2456, 0.2468, 0.2734



50.2456, 0.3420, 0.2945



50.2456, 0.3821, 0.3821



50.2456, 0.2817, 0.3673

Rectangle

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



50.2456, 0.2468, 0.2734



50.2456, 0.2903, 0.2700



50.2456, 0.3821, 0.3821



50.2456, 0.3317, 0.3968

Sweetspot

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



50.2475, 0.2468, 0.2734



86.2935, 0.2940, 0.3152



69.9873, 0.2841, 0.4007



18.1703, 0.2919, 0.3135



0.0000, 0.0000, 0.0000



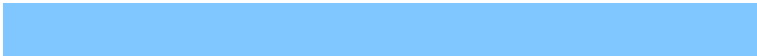
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2475, 0.2468, 0.2734



52.3579, 0.2338, 0.2595



32.0605, 0.2363, 0.2089



16.6873, 0.2980, 0.3183



12.9755, 0.1825, 0.1771



1.2776, 0.1886, 0.1988

Inverse Universe

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



40.5078, 0.3596, 0.2687



40.6656, 0.3738, 0.2570



77.3949, 0.3775, 0.4260



15.9061, 0.3206, 0.3159



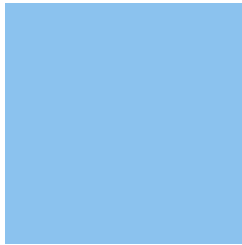
11.1032, 0.4721, 0.2374



0.9437, 0.4466, 0.2234

Previews

White Background



This preview shows how the Yxy color 50.2456, 0.2468, 0.2734 looks on a white background.

Color Contrast Check

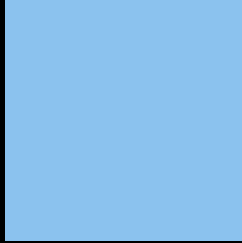
Large Text (above 18pt) WCAG AA × Fail

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 50.2456, 0.2468, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

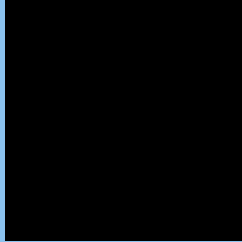
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2456, 0.2468, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 50.2456, 0.2468, 0.2734.



This preview shows how white text looks on a background with the Yxy color 50.2456, 0.2468, 0.2734.

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

50.2456, 0.2468, 0.2734

Protanopia

49.7542, 0.2724, 0.2720

Deuteranopia

50.0372, 0.2687, 0.2624



Tritanopia

50.1487, 0.2566, 0.3075

Trichromacy



Original Color

50.2456, 0.2468, 0.2734

Protanomaly

49.6935, 0.2626, 0.2722

Deuteranomaly

50.0909, 0.2604, 0.2668

Tritanomaly

50.4111, 0.2532, 0.2949

Monochromacy



Original Color

50.2456, 0.2468, 0.2734

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0679, 0.2852, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2456, 0.2468, 0.2734 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, 194, 238)` looks like.

```
.text, #text, p{  
    color:rgb(139, 194, 238)  
}
```

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, 194, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 194, 238) }
```

Border

The CSS property to change the border of an element to Yxy 50.2456, 0.2468, 0.2734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

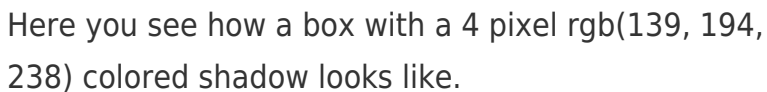
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 194, 238) }
```

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

```
.border{ border-color:rgb(139, 194, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 194, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 194, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 194, 238);  
box-shadow:4px 4px 4px 4px rgb(139, 194,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2456, 0.2468, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 194, 238) }
```

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

```
.background{ background-color: rgb(139,  
194, 238) }
```

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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