

Converting Colors

Yxy(61.5544, 0.2444, 0.2287)

Have a look what the booklet for
Yxy(61.5544, 0.2444, 0.2287)
contains.

Yxy(58.7189, 0.2657, 0.2668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.7189, 0.2657, 0.2668)

Conversions

Conversions Part 1

Format	Color
Hex	B8C8FF
RGB	184, 200, 255
RGB Percent	72%, 78%, 100%
CMY	0.2784, 0.2157, 0.0000
CMYK	0.28, 0.22, 0.00, 0.00
HSL	226°, 100%, 86%
HSV	226°, 28%, 100%
XYZ	58.4768, 58.7189, 102.8901
YIQ	201.4860, -27.1910, 13.7130

Conversions

Conversions Part 2

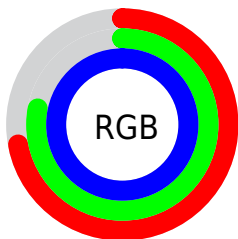
Format	Color
RYB	184, 197, 255
Decimal	12110079
CIELab	81.14, 6.56, -28.78
CIElCh	81, 29.523, 282.846
Yxy	58.7189, 0.2657, 0.2668
Android (android.graphics.Color)	4290300159 (0xFFB8C8FF)
YUV	201.4860, 26.3824, -15.3352
Hunter-Lab	76.6283, 2.1180, -25.9700

Details

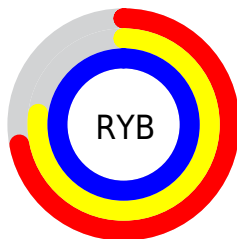
The Yxy color **58.7189, 0.2657, 0.2668** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4595, 0.3589, 0.3843**, and the grayscale version is **58.5716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **29.3021, 0.2538, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **47.2808, 0.2467, 0.2399**, and if you desaturate by 10%, it is **71.9069, 0.2838, 0.2915**.

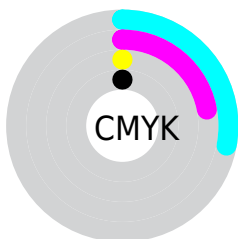
Distribution



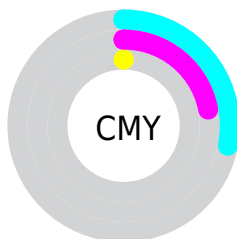
- Red (72%)
- Green (78%)
- Blue (100%)



- Red (72%)
- Yellow (77%)
- Blue (100%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7189, 0.2657, 0.2668 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 58.7189, 0.2657, 0.2668 by changing the saturation by 10% instead.


 58.7189, 0.2657,
0.2668

 58.7189, 0.2657,
0.2668


419.8594, 0.2881,
0.2958

 42.3869, 0.2605,
0.2602


 102.9690, 0.2735,
0.2769

 29.4043, 0.2540,
0.2520


131.6559, 0.2766,
0.2808

 19.3869, 0.2458,
0.2418


165.2298, 0.2792,
0.2841

 11.9502, 0.2349,
0.2284

204.0752, 0.2814,
0.2871

 6.7098, 0.2202,
0.2106

248.5765, 0.2834,
0.2897

 3.2813, 0.1990,
0.1856

299.1180, 0.2851,

 1.2803, 0.1669,

0.2919

0.1491

356.0842, 0.2867,
0.2940

0.1259, 0.0901,
0.0405

0.0000, 0.0000,
0.0000

58.7189, 0.2657,
0.2668

58.7189, 0.2657,
0.2668

47.2808, 0.2467,
0.2399

71.9069, 0.2838,
0.2915

37.5173, 0.2273,
0.2112

86.9157, 0.3006,
0.3135

29.3473, 0.2084,
0.1817

100.0000, 0.3127,
0.3290

22.6823, 0.1910,
0.1527

■ 17.4249, 0.1761,
0.1258

■ 13.4649, 0.1647,
0.1027

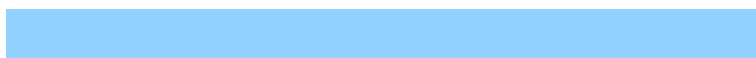
■ 10.6687, 0.1572,
0.0846

■ 10.1897, 0.1559,
0.0813

Harmonies

Analogous

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



58.7189, 0.2459, 0.2755



58.7189, 0.2657, 0.2668



58.7189, 0.2987, 0.2731

Triad

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



58.7189, 0.2657, 0.2668



58.7189, 0.3882, 0.3511



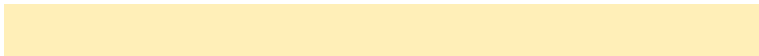
58.7189, 0.2857, 0.3706

Complementary

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



58.7189, 0.2657, 0.2668



86.4595, 0.3589, 0.3843

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.



58.7189, 0.3230, 0.3938



58.7189, 0.2657, 0.2668



58.7189, 0.3834, 0.3792

Square

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



58.7189, 0.2657, 0.2668



58.7189, 0.3712, 0.3199



58.7189, 0.3590, 0.3961



58.7189, 0.2568, 0.3345

Rectangle

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



58.7189, 0.2657, 0.2668



58.7189, 0.3246, 0.2846



58.7189, 0.3590, 0.3961



58.7189, 0.2976, 0.3803

Sweetspot

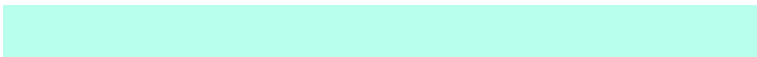
The Sweet Spot groups the original color and five complimentary colors.



58.7188, 0.2657, 0.2668



86.6614, 0.3003, 0.3132



87.9099, 0.2803, 0.3469



18.0413, 0.2979, 0.3100



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.



58.7188, 0.2657, 0.2668



52.6032, 0.2560, 0.2532



54.1919, 0.2770, 0.2510



18.0413, 0.2979, 0.3100



5.5060, 0.1566, 0.0837



0.6912, 0.1622, 0.1038

Inverse Universe

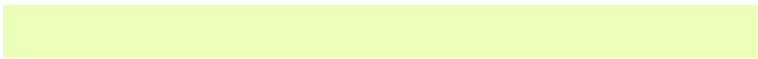
The Inverse Universe completely reimagines the original color for something new.



59.7140, 0.3601, 0.3125



54.0383, 0.3724, 0.3093



92.8256, 0.3422, 0.4019



18.0541, 0.3259, 0.3237



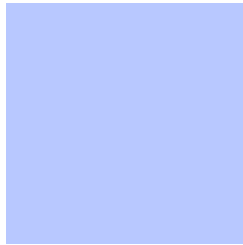
11.2838, 0.6010, 0.3085



1.1143, 0.5702, 0.2915

Previews

White Background



This preview shows how the Yxy color 58.7189, 0.2657, 0.2668 looks on a white background.

Color Contrast Check

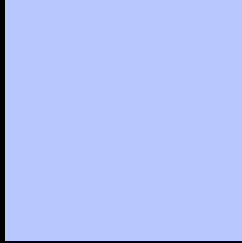
Large Text (above 18pt) WCAG AA × Fail

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 58.7189, 0.2657, 0.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

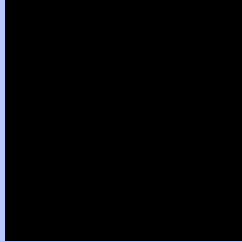
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7189, 0.2657, 0.2668

Background



This preview shows how black text looks on a background with the Yxy color 58.7189, 0.2657, 0.2668.



This preview shows how white text looks on a background with the Yxy color 58.7189, 0.2657, 0.2668.

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

58.7189, 0.2657, 0.2668

Protanopia

58.5674, 0.2681, 0.2670

Deuteranopia

58.8146, 0.2707, 0.2654



Tritanopia

58.7637, 0.2813, 0.3096

Trichromacy



Original Color

58.7189, 0.2657, 0.2668

Protanomaly

58.4417, 0.2675, 0.2669

Deuteranomaly

58.8857, 0.2688, 0.2662

Tritanomaly

58.8295, 0.2758, 0.2936

Monochromacy



Original Color

58.7189, 0.2657, 0.2668

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.5958, 0.2943, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7189, 0.2657, 0.2668 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(184, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 200, 255)  
}
```

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(184, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.7189, 0.2657, 0.2668 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(184, 200, 255) }
```

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

```
.border{ border-color:rgb(184, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7189, 0.2657, 0.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 200, 255) }
```

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

```
.background{ background-color: rgb(184,  
200, 255) }
```

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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