

Converting Colors

$Yxy(60.3218, 0.2856, 0.3088)$

Have a look what the booklet for
Yxy(60.3218, 0.2856, 0.3088)
contains.

Yxy(60.3218, 0.2856, 0.3088)	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(60.3218, 0.2856, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	B9CFE0
RGB	185, 207, 224
RGB Percent	73%, 81%, 88%
CMY	0.2742, 0.1883, 0.1215
CMYK	0.17, 0.08, 0.00, 0.12
HSL	206°, 39%, 80%
HSV	206°, 17%, 88%
XYZ	55.7899, 60.3218, 79.2310
YIQ	202.3600, -18.5690, 0.6230

Conversions

Conversions Part 2

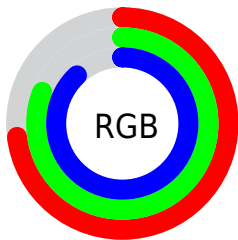
Format	Color
R _Y B	185, 199, 224
Decimal	12177376
CIE Lab	82.01, -3.83, -10.90
CIE LCh	82, 11.555, 250.657
Yxy	60.3218, 0.2856, 0.3088
Android (android.graphics.Color)	4290367456 (0xFFB9CFE0)
YUV	202.3600, 10.6685, -15.2247
Hunter-Lab	77.6671, -7.6973, -6.1168

Details

The Yxy color **60.3218, 0.2856, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6465, 0.3428, 0.3484**, and the grayscale version is **59.2493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.4723, 0.2782, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **53.1521, 0.2696, 0.2955**, and if you desaturate by 10%, it is **68.2301, 0.3014, 0.3209**.

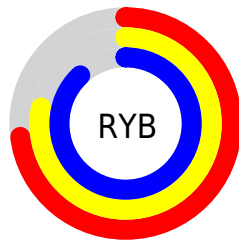
Distribution



Red (73%)

Green (81%)

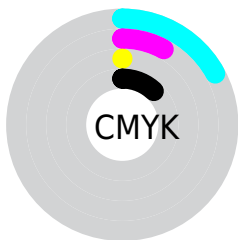
Blue (88%)



Red (73%)

Yellow (78%)

Blue (88%)

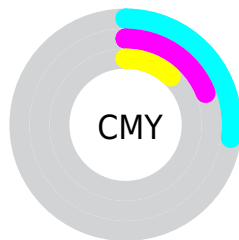


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (27%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3218, 0.2856, 0.3088 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 60.3218, 0.2856, 0.3088 by changing the saturation by 10% instead.

■ 60.3218, 0.2856,
0.3088

■ 60.3218, 0.2856,
0.3088

425.7829, 0.2985,
0.3185

■ 43.6781, 0.2826,
0.3065

■ 105.2963, 0.2901,
0.3122

■ 30.4175, 0.2788,
0.3036

134.3959, 0.2919,
0.3136

■ 20.1557, 0.2739,
0.2998

168.4163, 0.2934,
0.3147

■ 12.5083, 0.2675,
0.2948

207.7417, 0.2947,
0.3157

■ 7.0908, 0.2585,
0.2876

252.7567, 0.2958,
0.3165

■ 3.5190, 0.2451,
0.2768

303.8457, 0.2968,

■ 1.4083, 0.2231,

0.3173

0.2585

361.3929, 0.2977,
0.3179

0.2228, 0.0879,
0.1655

0.0000, 0.0000,
0.0000

60.3218, 0.2856,
0.3088

60.3218, 0.2856,
0.3088

53.1521, 0.2696,
0.2955

68.2301, 0.3014,
0.3209

46.6877, 0.2538,
0.2810

76.8939, 0.3167,
0.3317

40.9035, 0.2384,
0.2654

86.3386, 0.3314,
0.3414

35.7698, 0.2240,
0.2489

92.6599, 0.3320,
0.3508

■ 31.2540, 0.2110,
0.2319

■ 98.1624, 0.3309,
0.3591

■ 27.3197, 0.1999,
0.2148

■ 23.9252, 0.1909,
0.1978

■ 21.0164, 0.1842,
0.1815

■ 20.3132, 0.1826,
0.1773

Harmonies

Analogous

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



60.3218, 0.2848, 0.3191



60.3218, 0.2856, 0.3088



60.3218, 0.2934, 0.3041

Triad

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



60.3218, 0.2856, 0.3088



60.3218, 0.3345, 0.3250



60.3218, 0.3184, 0.3535

Complementary

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



60.3218, 0.2856, 0.3088



61.6465, 0.3428, 0.3484

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.



60.3218, 0.3320, 0.3546



60.3218, 0.2856, 0.3088



60.3218, 0.3414, 0.3378

Square

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



60.3218, 0.2856, 0.3088



60.3218, 0.3216, 0.3134



60.3218, 0.3405, 0.3487



60.3218, 0.3035, 0.3454

Rectangle

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



60.3218, 0.2856, 0.3088



60.3218, 0.3018, 0.3046



60.3218, 0.3405, 0.3487



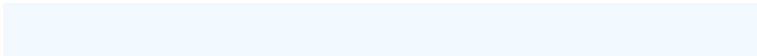
60.3218, 0.3233, 0.3547

Sweetspot

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



60.3243, 0.2856, 0.3088



94.1550, 0.3050, 0.3235



67.9035, 0.2999, 0.3552



19.9817, 0.3039, 0.3227



0.0000, 0.0000, 0.0000



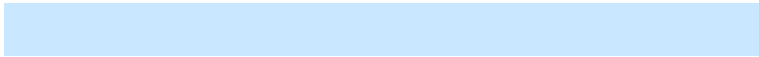
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3243, 0.2856, 0.3088



77.1763, 0.2796, 0.3039



51.5342, 0.2844, 0.2852



14.5164, 0.2981, 0.3185



12.0553, 0.1833, 0.1797



1.0129, 0.1902, 0.2048

Inverse Universe

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



55.0844, 0.3280, 0.3044



69.0457, 0.3321, 0.2988



71.2880, 0.3392, 0.3693



13.8291, 0.3204, 0.3159



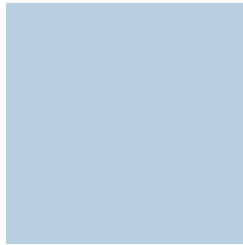
10.1250, 0.4689, 0.2357



0.7197, 0.4398, 0.2197

Previews

White Background



This preview shows how the Yxy color 60.3218, 0.2856, 0.3088 looks on a white background.

Color Contrast Check

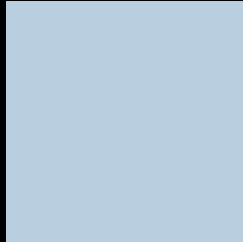
Large Text (above 18pt) WCAG AA × Fail

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 60.3218, 0.2856, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

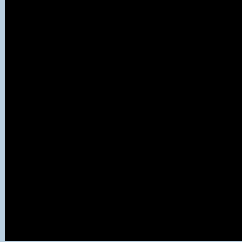
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

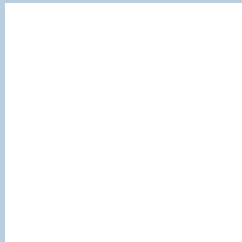
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3218, 0.2856, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 60.3218, 0.2856, 0.3088.



This preview shows how white text looks on a background with the Yxy color 60.3218, 0.2856, 0.3088.

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

60.3218, 0.2856, 0.3088

Protanopia

60.0181, 0.2995, 0.3071

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

60.3218, 0.2856, 0.3088

Trichromacy



Original Color

60.3218, 0.2856, 0.3088

Protanomaly

60.1954, 0.2944, 0.3080

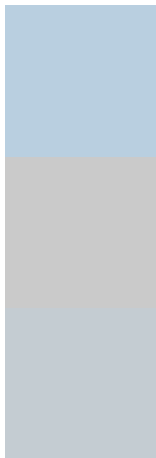
Deuteranomaly

59.9060, 0.2975, 0.3015

Tritanomaly

60.3218, 0.2856, 0.3088

Monochromacy



Original Color

60.3218, 0.2856, 0.3088

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5746, 0.3025, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3218, 0.2856, 0.3088 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(185, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 224)  
}
```

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(185, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.3218, 0.2856, 0.3088 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(185, 207, 224) }
```

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

```
.border{ border-color:rgb(185, 207, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3218, 0.2856, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 224) }
```

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

```
.background{ background-color: rgb(185,  
207, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor