

Converting Colors

$Yxy(60.3215, 0.2588, 0.3009)$

Have a look what the booklet for
Yxy(60.3215, 0.2588, 0.3009)
contains.

Yxy(60.3200, 0.2588, 0.3009)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3200, 0.2588, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	98D5EC
RGB	152, 213, 236
RGB Percent	60%, 84%, 93%
CMY	0.4040, 0.1647, 0.0745
CMYK	0.36, 0.10, 0.00, 0.07
HSL	196°, 69%, 76%
HSV	196°, 36%, 93%
XYZ	51.8804, 60.3200, 88.2649
YIQ	197.3830, -43.7390, -5.7790

Conversions

Conversions Part 2

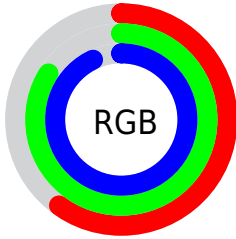
Format	Color
R _{YB}	152, 187, 236
Decimal	10016236
CIE _{Lab}	82.01, -13.84, -17.50
CIE _{LCh}	82, 22.309, 231.657
Yxy	60.3200, 0.2588, 0.3009
Android (android.graphics.Color)	4288206316 (0xFF98D5EC)
YUV	197.3830, 19.0382, -39.8009
Hunter-Lab	77.6660, -16.6784, -13.0150

Details

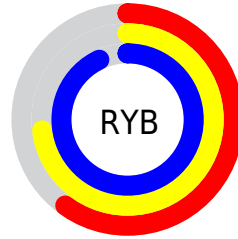
The Yxy color **60.3200, 0.2588, 0.3009** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7497, 0.3890, 0.3551**, and the grayscale version is **55.9799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **30.2904, 0.2457, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **55.0827, 0.2451, 0.2915**, and if you desaturate by 10%, it is **66.1444, 0.2734, 0.3097**.

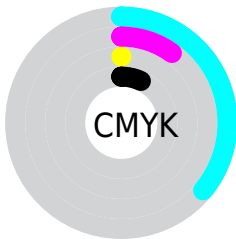
Distribution



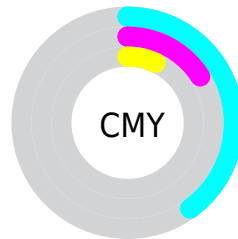
- Red (60%)
- Green (84%)
- Blue (93%)



- Red (60%)
- Yellow (73%)
- Blue (93%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)




- Cyan (40%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3200, 0.2588, 0.3009 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 60.3200, 0.2588, 0.3009 by changing the saturation by 10% instead.


 60.3200, 0.2588,
0.3009


 60.3200, 0.2588,
0.3009


425.7763, 0.2841,
0.3147

 43.6766, 0.2530,
0.2976


 105.2937, 0.2676,
0.3059

 30.4164, 0.2458,
0.2933


 134.3929, 0.2710,
0.3077

 20.1548, 0.2366,
0.2878


168.4127, 0.2740,
0.3093

 12.5076, 0.2246,
0.2803

207.7376, 0.2765,
0.3107

 7.0904, 0.2083,
0.2697

252.7521, 0.2788,
0.3119

 3.5187, 0.1849,
0.2536

303.8404, 0.2807,

 1.4082, 0.1495,

0.3130

0.2266

361.3870, 0.2825,
0.3139

0.2227, 0.0000,
0.1251

0.0000, 0.0000,
0.0000

60.3200, 0.2588,
0.3009

60.3200, 0.2588,
0.3009

55.0827, 0.2451,
0.2915

66.1444, 0.2734,
0.3097

50.3970, 0.2326,
0.2817

72.5751, 0.2886,
0.3178

46.2338, 0.2217,
0.2715

79.6389, 0.3041,
0.3252

42.5578, 0.2127,
0.2611

87.3587, 0.3195,
0.3319

■ 39.3281, 0.2057,
0.2508

■ 92.8028, 0.3247,
0.3381

■ 36.4947, 0.2007,
0.2405

■ 96.7856, 0.3241,
0.3443

■ 35.3394, 0.1989,
0.2360

■ 98.8362, 0.3238,
0.3473

Harmonies

Analogous

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



60.3200, 0.2659, 0.3254



60.3200, 0.2588, 0.3009



60.3200, 0.2652, 0.2855

Triad

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



60.3200, 0.2588, 0.3009



60.3200, 0.3397, 0.3068



60.3200, 0.3405, 0.3801

Complementary

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



60.3200, 0.2588, 0.3009



50.7497, 0.3890, 0.3551

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.



60.3200, 0.3618, 0.3720



60.3200, 0.2588, 0.3009



60.3200, 0.3616, 0.3295

Square

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



60.3200, 0.2588, 0.3009



60.3200, 0.3110, 0.2897



60.3200, 0.3698, 0.3532



60.3200, 0.3124, 0.3732

Rectangle

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



60.3200, 0.2588, 0.3009



60.3200, 0.2765, 0.2817



60.3200, 0.3698, 0.3532



60.3200, 0.3487, 0.3789

Sweetspot

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



60.3224, 0.2588, 0.3009



90.2625, 0.2956, 0.3212



69.7361, 0.2953, 0.4069



19.0770, 0.2935, 0.3202



0.0000, 0.0000, 0.0000



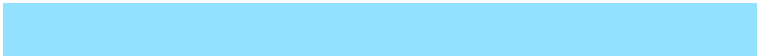
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3224, 0.2588, 0.3009



67.1181, 0.2483, 0.2939



42.0778, 0.2514, 0.2474



16.3842, 0.2981, 0.3224



19.7064, 0.1994, 0.2377



1.7063, 0.2033, 0.2518

Inverse Universe

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



45.0882, 0.3371, 0.2629



47.0538, 0.3441, 0.2490



69.4145, 0.3731, 0.3989



15.2393, 0.3180, 0.3120



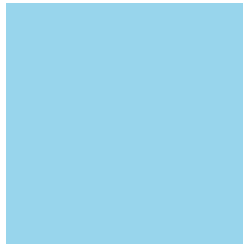
11.4822, 0.4047, 0.2003



0.9177, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 60.3200, 0.2588, 0.3009 looks on a white background.

Color Contrast Check

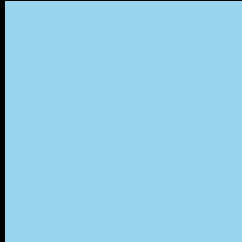
Large Text (above 18pt) WCAG AA × Fail

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 60.3200, 0.2588, 0.3009 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 60.3200, 0.2588, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 60.3200, 0.2588, 0.3009.



This preview shows how white text looks on a background with the Yxy color 60.3200, 0.2588, 0.3009.

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

60.3200, 0.2588, 0.3009

Protanopia

60.0403, 0.2919, 0.2980

Deuteranopia

59.7420, 0.2903, 0.2832



Tritanopia

60.4420, 0.2611, 0.3080

Trichromacy



Original Color

60.3200, 0.2588, 0.3009

Protanomaly

59.9139, 0.2785, 0.2984

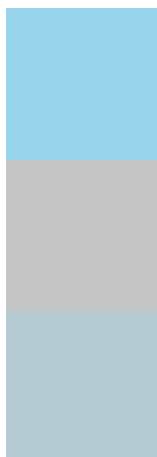
Deuteranomaly

59.3240, 0.2773, 0.2884

Tritanomaly

60.5556, 0.2600, 0.3056

Monochromacy



Original Color

60.3200, 0.2588, 0.3009

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.2388, 0.2909, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3200, 0.2588, 0.3009 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(152, 213, 236)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 236)  
}
```

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(152, 213, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 236) }
```

Border

The CSS property to change the border of an element to Yxy 60.3200, 0.2588, 0.3009 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(152, 213, 236) }
```

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

```
.border{ border-color:rgb(152, 213, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 236);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3200, 0.2588, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 236) }
```

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

```
.background{ background-color: rgb(152,  
213, 236) }
```

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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