

Converting Colors

Yxy(64.3152, 0.2659, 0.3053)

Have a look what the booklet for
Yxy(64.3152, 0.2659, 0.3053)
contains.

Yxy(64.3152, 0.2659, 0.3053)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.3152, 0.2659, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	A5DAEE
RGB	165, 218, 238
RGB Percent	65%, 85%, 93%
CMY	0.3530, 0.1451, 0.0668
CMYK	0.31, 0.08, 0.00, 0.07
HSL	196°, 68%, 79%
HSV	196°, 31%, 93%
XYZ	56.0151, 64.3152, 90.3320
YIQ	204.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

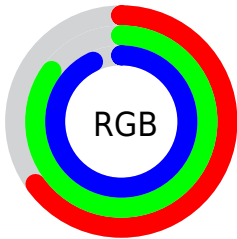
Format	Color
RYB	165, 196, 238
Decimal	10869486
CIELab	84.13, -12.39, -15.29
CIELCh	84, 19.679, 230.984
Yxy	64.3152, 0.2659, 0.3053
Android (android.graphics.Color)	4289059566 (0xFFA5DAEE)
YUV	204.4330, 16.5485, -34.5827
Hunter-Lab	80.1968, -15.6673, -10.6453

Details

The Yxy color **64.3152, 0.2659, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.5659, 0.3755, 0.3514**, and the grayscale version is **60.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **32.9513, 0.2550, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **58.6889, 0.2517, 0.2962**, and if you desaturate by 10%, it is **70.5540, 0.2809, 0.3138**.

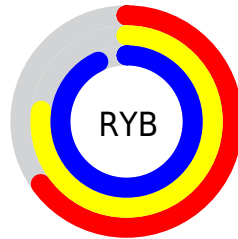
Distribution



Red (65%)

Green (85%)

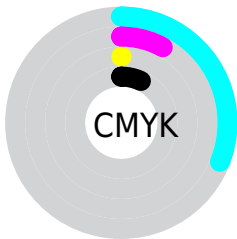
Blue (93%)



Red (65%)

Yellow (77%)

Blue (93%)

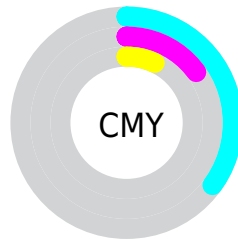


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (35%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3152, 0.2659, 0.3053 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 64.3152, 0.2659, 0.3053 by changing the saturation by 10% instead.


 64.3152, 0.2659,
0.3053


 64.3152, 0.2659,
0.3053


440.3270, 0.2877,
0.3168

 46.9060, 0.2609,
0.3025


 111.0648, 0.2735,
0.3094

 32.9614, 0.2548,
0.2991

 141.1739, 0.2764,
0.3110

 22.0968, 0.2470,
0.2946


176.2852, 0.2789,
0.3123

 13.9281, 0.2368,
0.2885

216.7829, 0.2811,
0.3134

 8.0707, 0.2229,
0.2800

263.0516, 0.2831,
0.3145

 4.1402, 0.2032,
0.2672

315.4756, 0.2848,

 1.7523, 0.1731,

0.3153

0.2460

374.4393, 0.2863,
0.3161

0.4572, 0.0577,
0.1996

0.0000, 0.0000,
0.0000

64.3152, 0.2659,
0.3053

64.3152, 0.2659,
0.3053

58.6889, 0.2517,
0.2962

70.5540, 0.2809,
0.3138

53.6394, 0.2386,
0.2866

77.4234, 0.2962,
0.3215

49.1390, 0.2269,
0.2766

84.9502, 0.3117,
0.3286

45.1537, 0.2169,
0.2663

92.1624, 0.3236,
0.3349

■ 41.6448, 0.2089,
0.2559

■ 96.1503, 0.3230,
0.3412

■ 38.5665, 0.2029,
0.2455

■ 98.9517, 0.3226,
0.3454

■ 36.0140, 0.1989,
0.2360

Harmonies

Analogous

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



64.3152, 0.2724, 0.3266



64.3152, 0.2659, 0.3053



64.3152, 0.2712, 0.2916

Triad

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



64.3152, 0.2659, 0.3053



64.3152, 0.3355, 0.3093



64.3152, 0.3374, 0.3729

Complementary

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



64.3152, 0.2659, 0.3053



55.5659, 0.3755, 0.3514

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.



64.3152, 0.3554, 0.3660



64.3152, 0.2659, 0.3053



64.3152, 0.3545, 0.3292

Square

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



64.3152, 0.2659, 0.3053



64.3152, 0.3107, 0.2945



64.3152, 0.3619, 0.3498



64.3152, 0.3132, 0.3671

Rectangle

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



64.3152, 0.2659, 0.3053



64.3152, 0.2809, 0.2880



64.3152, 0.3619, 0.3498



64.3152, 0.3444, 0.3719

Sweetspot

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



64.3178, 0.2659, 0.3053



91.9641, 0.2987, 0.3227



72.6128, 0.2975, 0.3944



19.4188, 0.2965, 0.3216



0.0000, 0.0000, 0.0000



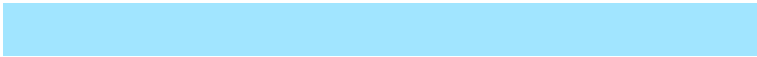
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3178, 0.2659, 0.3053



70.9059, 0.2566, 0.2995



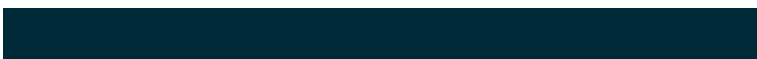
47.6313, 0.2607, 0.2605



17.1551, 0.2981, 0.3224



20.3232, 0.1994, 0.2376



1.8555, 0.2031, 0.2511

Inverse Universe

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



50.1399, 0.3330, 0.2721



52.2955, 0.3385, 0.2600



72.5732, 0.3640, 0.3892



15.9533, 0.3180, 0.3120



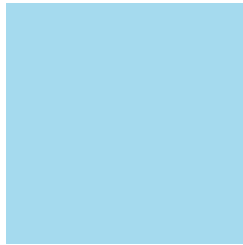
11.8450, 0.4047, 0.2003



1.0020, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 64.3152, 0.2659, 0.3053 looks on a white background.

Color Contrast Check

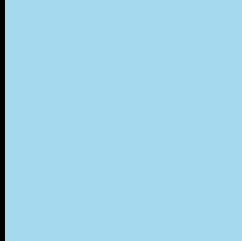
Large Text (above 18pt) WCAG AA × Fail

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 64.3152, 0.2659, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

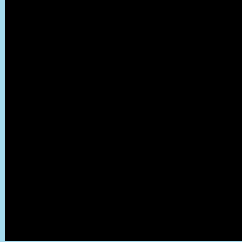
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3152, 0.2659, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 64.3152, 0.2659, 0.3053.

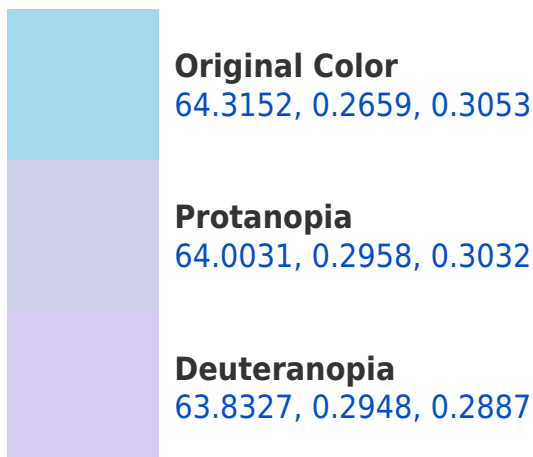


This preview shows how white text looks on a background with the Yxy color 64.3152, 0.2659, 0.3053.

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





Tritanopia

64.0914, 0.2664, 0.3075

Trichromacy



Original Color

64.3152, 0.2659, 0.3053

Protanomaly

64.1038, 0.2837, 0.3037

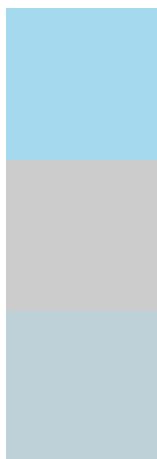
Deuteranomaly

63.6280, 0.2832, 0.2940

Tritanomaly

64.1497, 0.2659, 0.3064

Monochromacy



Original Color

64.3152, 0.2659, 0.3053

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.5059, 0.2942, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3152, 0.2659, 0.3053 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(165, 218, 238)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 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(165, 218, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 238) }
```

Border

The CSS property to change the border of an element to Yxy 64.3152, 0.2659, 0.3053 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(165, 218, 238) }
```

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

```
.border{ border-color:rgb(165, 218, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 218, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 238);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3152, 0.2659, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 238) }
```

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

```
.background{ background-color: rgb(165,  
218, 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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