

Converting Colors

$Yxy(65.6142, 0.2753, 0.3183)$

Have a look what the booklet for
Yxy(65.6142, 0.2753, 0.3183)
contains.

Yxy(65.6142, 0.2753, 0.3183)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.6142, 0.2753, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	ACDCE5
RGB	172, 220, 229
RGB Percent	67%, 86%, 90%
CMY	0.3254, 0.1372, 0.1021
CMYK	0.25, 0.04, 0.00, 0.10
HSL	189°, 52%, 79%
HSV	189°, 25%, 90%
XYZ	56.7502, 65.6142, 83.7751
YIQ	206.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

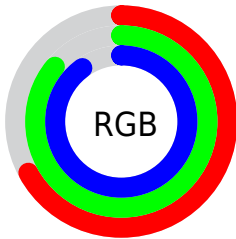
Format	Color
R _Y B	172, 198, 229
Decimal	11328741
CIE Lab	84.80, -13.45, -9.47
CIE LCh	85, 16.451, 215.162
Yxy	65.6142, 0.2753, 0.3183
Android (android.graphics.Color)	4289518821 (0xFFACDCE5)
YUV	206.6740, 11.0067, -30.4091
Hunter-Lab	81.0026, -16.6979, -4.6175

Details

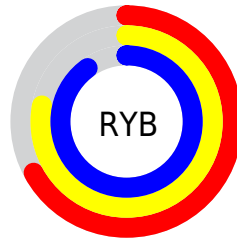
The Yxy color **65.6142, 0.2753, 0.3183** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6782, 0.3626, 0.3394**, and the grayscale version is **62.1234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **33.8178, 0.2659, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **61.3731, 0.2615, 0.3134**, and if you desaturate by 10%, it is **70.3478, 0.2900, 0.3229**.

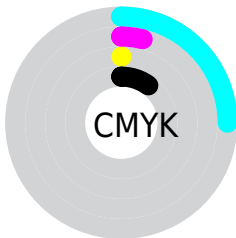
Distribution



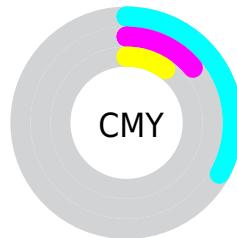
- Red (67%)
- Green (86%)
- Blue (90%)



- Red (67%)
- Yellow (78%)
- Blue (90%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)




- Cyan (33%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6142, 0.2753, 0.3183 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 65.6142, 0.2753, 0.3183 by changing the saturation by 10% instead.

 65.6142, 0.2753,
0.3183

 65.6142, 0.2753,
0.3183


444.9959, 0.2927,
0.3236

 47.9593, 0.2713,
0.3170

 112.9324, 0.2814,
0.3202

 33.7946, 0.2663,
0.3154


143.3645, 0.2837,
0.3209

 22.7359, 0.2600,
0.3132


178.8245, 0.2857,
0.3215

 14.3986, 0.2518,
0.3103


219.6967, 0.2875,
0.3221

 8.3984, 0.2405,
0.3060

266.3655, 0.2891,
0.3225

 4.3509, 0.2242,
0.2995

319.2154, 0.2904,

 1.8717, 0.1987,

0.3229

0.2880

378.6307, 0.2916,
0.3233

■ 0.5313, 0.0894,
0.2689

■ 0.0000, 0.0000,
0.0000

■ 65.6142, 0.2753,
0.3183

■ 65.6142, 0.2753,
0.3183

■ 61.3731, 0.2615,
0.3134

■ 70.3478, 0.2900,
0.3229

■ 57.5933, 0.2489,
0.3082

■ 75.5874, 0.3052,
0.3271

■ 54.2523, 0.2378,
0.3028

■ 81.3557, 0.3207,
0.3309

■ 51.3224, 0.2285,
0.2972

■ 86.0001, 0.3302,
0.3344

■ 48.7724, 0.2210,
0.2915

■ 88.0784, 0.3298,
0.3380

■ 46.5659, 0.2155,
0.2858

■ 90.1987, 0.3294,
0.3415

■ 44.6586, 0.2118,
0.2803

■ 92.3613, 0.3290,
0.3450

■ 43.7590, 0.2104,
0.2774

■ 94.5664, 0.3287,
0.3484

■ 96.8143, 0.3283,
0.3518

Harmonies

Analogous

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



65.6142, 0.2858, 0.3374



65.6142, 0.2753, 0.3183



65.6142, 0.2745, 0.3030

Triad

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



65.6142, 0.2753, 0.3183



65.6142, 0.3211, 0.3053



65.6142, 0.3421, 0.3637

Complementary

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



65.6142, 0.2753, 0.3183



52.6782, 0.3626, 0.3394

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.



65.6142, 0.3524, 0.3536



65.6142, 0.2753, 0.3183



65.6142, 0.3401, 0.3202

Square

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



65.6142, 0.2753, 0.3183



65.6142, 0.3004, 0.2962



65.6142, 0.3516, 0.3376



65.6142, 0.3241, 0.3643

Rectangle

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



65.6142, 0.2753, 0.3183



65.6142, 0.2795, 0.2969



65.6142, 0.3516, 0.3376



65.6142, 0.3466, 0.3612

Sweetspot

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



65.6169, 0.2753, 0.3183



94.9905, 0.3018, 0.3262



68.1119, 0.3043, 0.3886



20.2428, 0.3009, 0.3260



0.0000, 0.0000, 0.0000



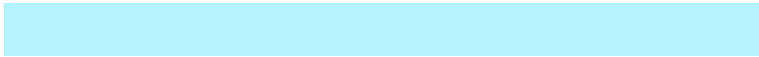
21.4041, 0.3127, 0.3290

Same Dimension

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



65.6169, 0.2753, 0.3183



80.8195, 0.2678, 0.3157



52.1111, 0.2723, 0.2838



15.9296, 0.2981, 0.3252



25.1747, 0.2106, 0.2783



1.9647, 0.2129, 0.2864

Inverse Universe

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



51.3374, 0.3229, 0.2763



59.7686, 0.3255, 0.2649



65.2518, 0.3551, 0.3704



14.5742, 0.3162, 0.3094



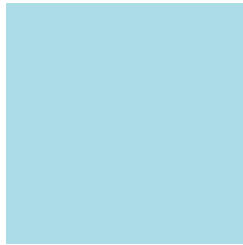
11.7391, 0.3651, 0.1785



0.8780, 0.3576, 0.1743

Previews

White Background



This preview shows how the Yxy color 65.6142, 0.2753, 0.3183 looks on a white background.

Color Contrast Check

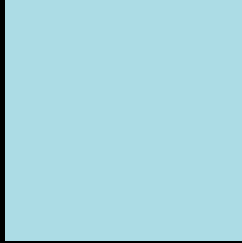
Large Text (above 18pt) WCAG AA × Fail

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 65.6142, 0.2753, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

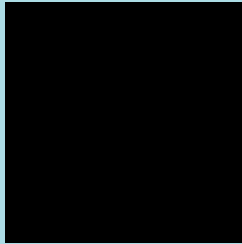
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

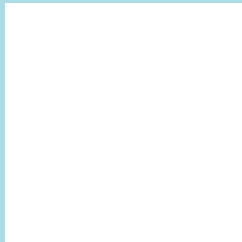
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6142, 0.2753, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 65.6142, 0.2753, 0.3183.

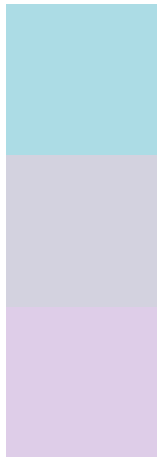


This preview shows how white text looks on a background with the Yxy color 65.6142, 0.2753, 0.3183.

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

65.6142, 0.2753, 0.3183

Protanopia

65.2698, 0.3046, 0.3144

Deuteranopia

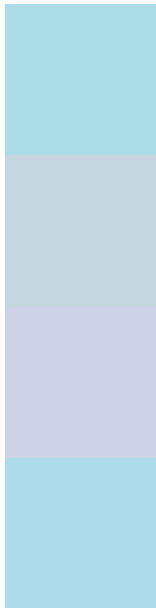
65.0184, 0.3067, 0.2997



Tritanopia

65.7178, 0.2724, 0.3091

Trichromacy



Original Color

65.6142, 0.2753, 0.3183

Protanomaly

65.3997, 0.2935, 0.3164

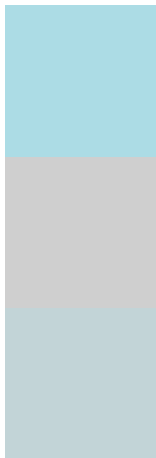
Deuteranomaly

64.7001, 0.2944, 0.3054

Tritanomaly

65.4305, 0.2735, 0.3125

Monochromacy



Original Color

65.6142, 0.2753, 0.3183

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.4626, 0.2977, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6142, 0.2753, 0.3183 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(172, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(172, 220, 229)  
}
```

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(172, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 220, 229) }
```

Border

The CSS property to change the border of an element to Yxy 65.6142, 0.2753, 0.3183 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(172, 220, 229) }
```

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

```
.border{ border-color:rgb(172, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 220, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 220, 229); box-shadow:4px 4px 4px 4px rgb(172, 220, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6142, 0.2753, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 220, 229) }
```

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

```
.background{ background-color: rgb(172,  
220, 229) }
```

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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