

Converting Colors

$Y_{xy}(75.0829, 0.2629, 0.3461)$

Have a look what the booklet for
Yxy(75.0829, 0.2629, 0.3461)
contains.

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Color

Yxy(74.8565, 0.2627, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	8EF2E4
RGB	142, 242, 228
RGB Percent	56%, 95%, 89%
CMY	0.4434, 0.0509, 0.1059
CMYK	0.41, 0.00, 0.06, 0.05
HSL	172°, 79%, 75%
HSV	172°, 41%, 95%
XYZ	56.9005, 74.8565, 84.8417
YIQ	210.5040, -55.1060, -25.5540

Conversions

Conversions Part 2

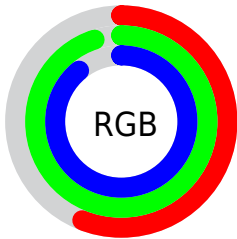
Format	Color
RYB	142, 196, 242
Decimal	9368292
CIELab	89.33, -32.59, -2.44
CIELCh	89, 32.681, 184.289
Yxy	74.8565, 0.2627, 0.3456
Android (android.graphics.Color)	4287558372 (0xFF8EF2E4)
YUV	210.5040, 8.6255, -60.0780
Hunter-Lab	86.5197, -34.0172, 2.4236

Details

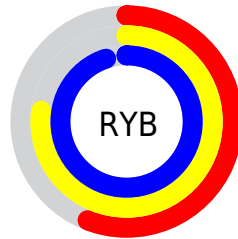
The Yxy color **74.8565, 0.2627, 0.3456** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.6037, 0.4040, 0.3138**, and the grayscale version is **64.7573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **39.5999, 0.2508, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **72.7610, 0.2539, 0.3503**, and if you desaturate by 10%, it is **77.4263, 0.2731, 0.3411**.

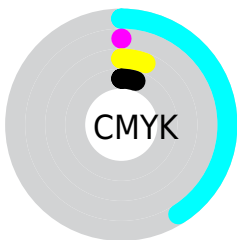
Distribution



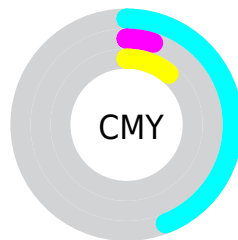
- Red (56%)
- Green (95%)
- Blue (89%)



- Red (56%)
- Yellow (77%)
- Blue (95%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)





- Cyan (44%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8565, 0.2627, 0.3456 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 74.8565, 0.2627, 0.3456 by changing the saturation by 10% instead.


 74.8565, 0.2627,
0.3456


 74.8565, 0.2627,
0.3456

477.4242, 0.2855,
0.3382

 55.4953, 0.2576,
0.3472


 126.1092, 0.2706,
0.3431

 39.7984, 0.2513,
0.3492


 158.7695, 0.2736,
0.3421

 27.3814, 0.2434,
0.3517


196.6317, 0.2763,
0.3412

 17.8599, 0.2332,
0.3548

240.0802, 0.2786,
0.3405

 10.8494, 0.2195,
0.3589

289.4992, 0.2806,
0.3398

 5.9657, 0.2004,
0.3644

345.2733, 0.2825,

 2.8242, 0.1718,

0.3392

407.7869, 0.2841,
0.3387

0.3722

1.0407, 0.0725,
0.4064

0.0000, 0.0000,
0.0000

74.8565, 0.2627,
0.3456

74.8565, 0.2627,
0.3456

72.7610, 0.2539,
0.3503

77.4263, 0.2731,
0.3411

71.1003, 0.2468,
0.3552

80.4891, 0.2848,
0.3369

69.8435, 0.2417,
0.3602

84.0733, 0.2975,
0.3330

68.9516, 0.2385,
0.3652

88.2029, 0.3109,
0.3295

■ 68.3775, 0.2372,
0.3701

■ 91.3633, 0.3194,
0.3262

■ 68.0732, 0.2373,
0.3744

■ 91.5723, 0.3173,
0.3229

■ 91.7851, 0.3153,
0.3197

■ 91.9940, 0.3133,
0.3166

Harmonies

Analogous

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



74.8565, 0.2955, 0.3802



74.8565, 0.2627, 0.3456



74.8565, 0.2437, 0.3081

Triad

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



74.8565, 0.2627, 0.3456



74.8565, 0.2878, 0.2687



74.8565, 0.3885, 0.3728

Complementary

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



74.8565, 0.2627, 0.3456



40.6037, 0.4040, 0.3138

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.



74.8565, 0.3870, 0.3424



74.8565, 0.2627, 0.3456



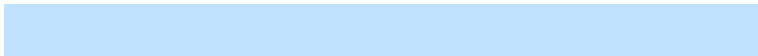
74.8565, 0.3268, 0.2847

Square

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



74.8565, 0.2627, 0.3456



74.8565, 0.2574, 0.2665



74.8565, 0.3639, 0.3110



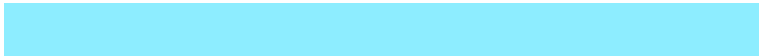
74.8565, 0.3687, 0.3942

Rectangle

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



74.8565, 0.2627, 0.3456



74.8565, 0.2405, 0.2878



74.8565, 0.3639, 0.3110



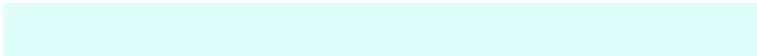
74.8565, 0.3906, 0.3632

Sweetspot

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



74.8595, 0.2627, 0.3456



94.3782, 0.2966, 0.3333



72.6271, 0.3157, 0.4537



20.0815, 0.2949, 0.3338



0.0000, 0.0000, 0.0000



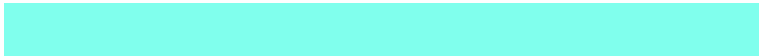
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8595, 0.2627, 0.3456



82.1928, 0.2548, 0.3497



56.7750, 0.2491, 0.2858



17.8886, 0.3000, 0.3323



36.5793, 0.2371, 0.3735



3.0534, 0.2353, 0.3670

Inverse Universe

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



40.6037, 0.4040, 0.3138



38.6238, 0.4350, 0.3110



52.2593, 0.4026, 0.3677



15.7949, 0.3271, 0.3257



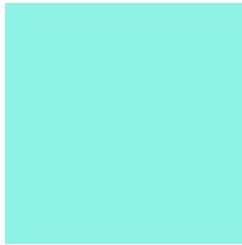
10.2144, 0.6213, 0.3196



0.8609, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 74.8565, 0.2627, 0.3456 looks on a white background.

Color Contrast Check

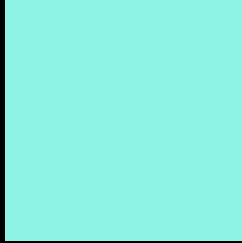
Large Text (above 18pt) WCAG AA × Fail

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 74.8565, 0.2627, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

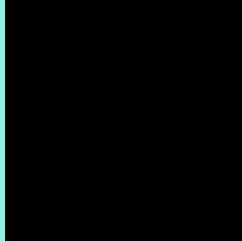
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8565, 0.2627, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 74.8565, 0.2627, 0.3456.

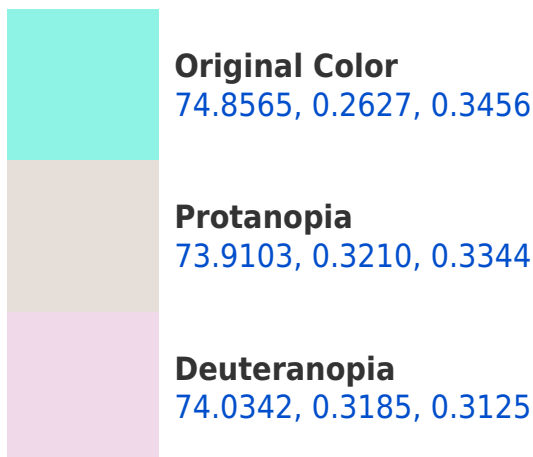


This preview shows how white text looks on a background with the Yxy color 74.8565, 0.2627, 0.3456.

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

74.7569, 0.2552, 0.3084

Trichromacy



Original Color

74.8565, 0.2627, 0.3456



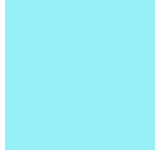
Protanomaly

73.1294, 0.2962, 0.3380



Deuteranomaly

72.9996, 0.2947, 0.3234



Tritanomaly

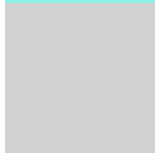
74.8096, 0.2579, 0.3219

Monochromacy



Original Color

74.8565, 0.2627, 0.3456



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.5666, 0.2906, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8565, 0.2627, 0.3456 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(142, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(142, 242, 228)  
}
```

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(142, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 242, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.8565, 0.2627, 0.3456 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(142, 242, 228) }
```

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

```
.border{ border-color:rgb(142, 242, 228) }
```

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

Here you see how a box with a 4 pixel rgb(142, 242, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(142, 242,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8565, 0.2627, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 242, 228) }
```

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

```
.background{ background-color: rgb(142,  
242, 228) }
```

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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