

Converting Colors

$Yxy(67.3657, 0.2559, 0.3545)$

Have a look what the booklet for
Yxy(67.3657, 0.2559, 0.3545)
contains.

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Color

Yxy(67.3455, 0.2559, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	73EAD6
RGB	115, 234, 214
RGB Percent	45%, 92%, 84%
CMY	0.5491, 0.0823, 0.1608
CMYK	0.51, 0.00, 0.09, 0.08
HSL	170°, 74%, 68%
HSV	170°, 51%, 92%
XYZ	48.6279, 67.3455, 74.0534
YIQ	196.1390, -64.5040, -31.4480

Conversions

Conversions Part 2

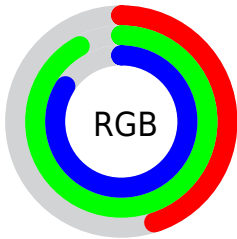
Format	Color
RYB	115, 180, 234
Decimal	7596758
CIELab	85.68, -38.37, -0.58
CIELCh	86, 38.371, 180.861
Yxy	67.3455, 0.2559, 0.3544
Android (android.graphics.Color)	4285786838 (0xFF73EAD6)
YUV	196.1390, 8.8055, -71.1589
Hunter-Lab	82.0643, -37.8409, 3.9427

Details

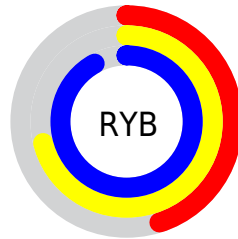
The Yxy color **67.3455, 0.2559, 0.3544** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **31.4988, 0.4331, 0.3070**, and the grayscale version is **55.2627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **35.0221, 0.2426, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **65.7598, 0.2490, 0.3603**, and if you desaturate by 10%, it is **69.3438, 0.2646, 0.3487**.

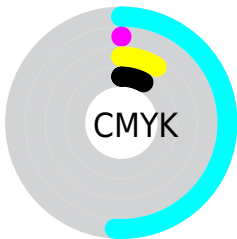
Distribution



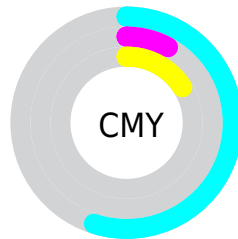
- Red (45%)
- Green (92%)
- Blue (84%)



- Red (45%)
- Yellow (71%)
- Blue (92%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)





- Cyan (55%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3455, 0.2559, 0.3544 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 67.3455, 0.2559, 0.3544 by changing the saturation by 10% instead.


 67.3455, 0.2559,
0.3544

 67.3455, 0.2559,
0.3544


451.1736, 0.2824,
0.3426


 49.3655, 0.2498,
0.3571


 115.4153, 0.2651,
0.3503

 34.9095, 0.2423,
0.3604


 146.2739, 0.2687,
0.3487

 23.5931, 0.2328,
0.3646


 182.1941, 0.2718,
0.3474

 15.0321, 0.2204,
0.3701

223.5604, 0.2744,
0.3462

 8.8419, 0.2035,
0.3775

270.7571, 0.2768,
0.3451

 4.6382, 0.1794,
0.3880

324.1686, 0.2789,

 2.0366, 0.1415,

0.3442

384.1793, 0.2807,
0.3434

0.4042

0.6286, 0.0000,
0.4645

0.0000, 0.0000,
0.0000

67.3455, 0.2559,
0.3544

67.3455, 0.2559,
0.3544

65.7598, 0.2490,
0.3603

69.3438, 0.2646,
0.3487

64.5478, 0.2439,
0.3663

71.7748, 0.2748,
0.3433


63.6764, 0.2409,
0.3724

74.6664, 0.2862,
0.3383


63.1029, 0.2397,
0.3785


78.0422, 0.2986,
0.3336

 62.7752, 0.2400,
0.3839

 81.9238, 0.3116,
0.3293

 86.2593, 0.3247,
0.3255

 86.4926, 0.3222,
0.3217

 86.7309, 0.3197,
0.3179

 86.9743, 0.3172,
0.3141

Harmonies

Analogous

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



67.3455, 0.2965, 0.3960



67.3455, 0.2559, 0.3544



67.3455, 0.2313, 0.3077

Triad

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



67.3455, 0.2559, 0.3544



67.3455, 0.2774, 0.2558



67.3455, 0.4060, 0.3769

Complementary

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



67.3455, 0.2559, 0.3544



31.4988, 0.4331, 0.3070

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.



67.3455, 0.4014, 0.3398



67.3455, 0.2559, 0.3544



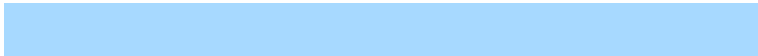
67.3455, 0.3239, 0.2731

Square

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



67.3455, 0.2559, 0.3544



67.3455, 0.2431, 0.2547



67.3455, 0.3704, 0.3030



67.3455, 0.3840, 0.4056

Rectangle

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



67.3455, 0.2559, 0.3544



67.3455, 0.2261, 0.2821



67.3455, 0.3704, 0.3030



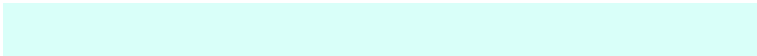
67.3455, 0.4076, 0.3650

Sweetspot

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



67.3481, 0.2559, 0.3544



93.0462, 0.2933, 0.3355



65.3885, 0.3176, 0.4852



19.7305, 0.2907, 0.3365



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.



67.3481, 0.2559, 0.3544



79.8471, 0.2487, 0.3606



49.2061, 0.2370, 0.2794



17.0759, 0.3004, 0.3330



35.2901, 0.2397, 0.3830



2.7826, 0.2374, 0.3746

Inverse Universe

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



31.4988, 0.4331, 0.3070



31.7651, 0.4741, 0.3043



41.4056, 0.4341, 0.3716



15.0954, 0.3266, 0.3251



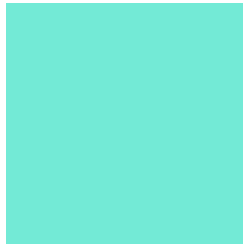
9.9258, 0.6151, 0.3162



0.7916, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 67.3455, 0.2559, 0.3544 looks on a white background.

Color Contrast Check

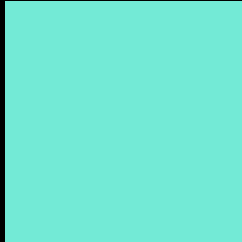
Large Text (above 18pt) WCAG AA × Fail

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 67.3455, 0.2559, 0.3544 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

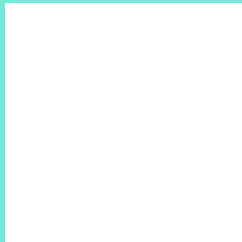
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3455, 0.2559, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 67.3455, 0.2559, 0.3544.

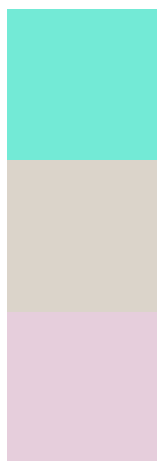


This preview shows how white text looks on a background with the Yxy color 67.3455, 0.2559, 0.3544.

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

67.3455, 0.2559, 0.3544

Protanopia

66.4113, 0.3249, 0.3403

Deuteranopia

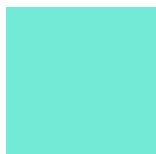
66.1329, 0.3210, 0.3139



Tritanopia

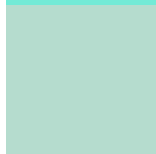
67.2516, 0.2437, 0.3060

Trichromacy



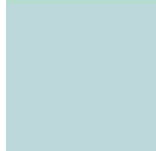
Original Color

67.3455, 0.2559, 0.3544



Protanomaly

65.4664, 0.2946, 0.3458



Deuteranomaly

64.8651, 0.2918, 0.3266



Tritanomaly

67.3455, 0.2479, 0.3227

Monochromacy



Original Color

67.3455, 0.2559, 0.3544



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

58.6205, 0.2867, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3455, 0.2559, 0.3544 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(115, 234, 214)` looks like.

```
.text, #text, p{  
    color:rgb(115, 234, 214)  
}
```

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(115, 234, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 234, 214) }
```

Border

The CSS property to change the border of an element to Yxy 67.3455, 0.2559, 0.3544 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(115, 234, 214) }
```

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

```
.border{ border-color:rgb(115, 234, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 234, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 234, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 234, 214);  
box-shadow:4px 4px 4px 4px rgb(115, 234,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3455, 0.2559, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 234, 214) }
```

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

```
.background{ background-color: rgb(115,  
234, 214) }
```

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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