

Converting Colors

Yxy(64.9722, 0.2555, 0.3154)

Have a look what the booklet for
Yxy(64.9722, 0.2555, 0.3154)
contains.

Yxy(64.9722, 0.2555, 0.3154)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.9722, 0.2555, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	8DE0EB
RGB	141, 224, 235
RGB Percent	55%, 88%, 92%
CMY	0.4473, 0.1215, 0.0783
CMYK	0.40, 0.05, 0.00, 0.08
HSL	187°, 70%, 74%
HSV	187°, 40%, 92%
XYZ	52.6328, 64.9722, 88.3943
YIQ	200.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

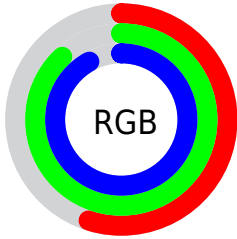
Format	Color
RYB	141, 185, 235
Decimal	9298155
CIELab	84.47, -22.47, -13.35
CIELCh	84, 26.134, 210.721
Yxy	64.9722, 0.2555, 0.3154
Android (android.graphics.Color)	4287488235 (0xFF8DE0EB)
YUV	200.4370, 17.0396, -52.1262
Hunter-Lab	80.6053, -24.5043, -8.5955

Details

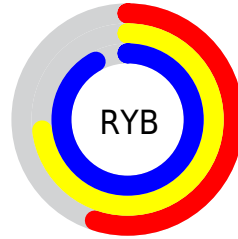
The Yxy color **64.9722, 0.2555, 0.3154** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0401, 0.4090, 0.3418**, and the grayscale version is **57.9550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **33.5154, 0.2423, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **61.6599, 0.2441, 0.3115**, and if you desaturate by 10%, it is **68.7507, 0.2684, 0.3192**.

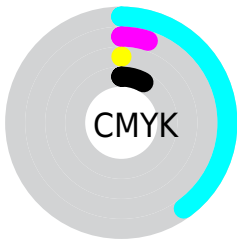
Distribution



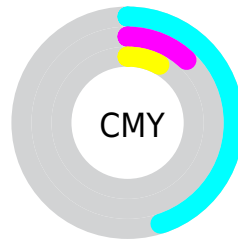
- Red (55%)
- Green (88%)
- Blue (92%)



- Red (55%)
- Yellow (73%)
- Blue (92%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)




- Cyan (45%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9722, 0.2555, 0.3154 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 64.9722, 0.2555, 0.3154 by changing the saturation by 10% instead.


 64.9722, 0.2555,
0.3154


 64.9722, 0.2555,
0.3154


442.6921, 0.2820,
0.3224

 47.4385, 0.2495,
0.3136


 112.0099, 0.2647,
0.3180

 33.3825, 0.2421,
0.3113


 142.2827, 0.2682,
0.3189

 22.4196, 0.2327,
0.3083


177.5707, 0.2713,
0.3197

 14.1655, 0.2206,
0.3041

218.2583, 0.2740,
0.3204

 8.2359, 0.2042,
0.2980

264.7298, 0.2763,
0.3210

 4.2463, 0.1811,
0.2882

317.3697, 0.2784,

 1.8123, 0.1467,

0.3215

376.5623, 0.2803,
0.3220

0.2711

0.4948, 0.0000,
0.2400

0.0000, 0.0000,
0.0000

64.9722, 0.2555,
0.3154

64.9722, 0.2555,
0.3154

61.6599, 0.2441,
0.3115

68.7507, 0.2684,
0.3192

58.7782, 0.2344,
0.3074


73.0133, 0.2824,
0.3227

56.2984, 0.2265,
0.3033


77.7862, 0.2973,
0.3260


54.1847, 0.2206,
0.2992


83.0914, 0.3127,
0.3290


 52.3948, 0.2166,
0.2951


 88.2862, 0.3260,
0.3317

 50.8610, 0.2142,
0.2910

 89.9013, 0.3257,
0.3344

 91.5411, 0.3255,
0.3371

 93.2057, 0.3252,
0.3397

 94.8951, 0.3249,
0.3424

Harmonies

Analogous

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



64.9722, 0.2735, 0.3468



64.9722, 0.2555, 0.3154



64.9722, 0.2521, 0.2901

Triad

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



64.9722, 0.2555, 0.3154



64.9722, 0.3207, 0.2893



64.9722, 0.3626, 0.3824

Complementary

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



64.9722, 0.2555, 0.3154



42.0401, 0.4090, 0.3418

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.



64.9722, 0.3771, 0.3636



64.9722, 0.2555, 0.3154



64.9722, 0.3524, 0.3110

Square

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



64.9722, 0.2555, 0.3154



64.9722, 0.2883, 0.2769



64.9722, 0.3734, 0.3376



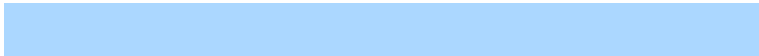
64.9722, 0.3350, 0.3871

Rectangle

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



64.9722, 0.2555, 0.3154



64.9722, 0.2582, 0.2798



64.9722, 0.3734, 0.3376



64.9722, 0.3693, 0.3774

Sweetspot

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



64.9747, 0.2555, 0.3154



92.3835, 0.2942, 0.3253



67.3629, 0.3011, 0.4376



19.6085, 0.2922, 0.3249



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.



64.9747, 0.2555, 0.3154



74.8771, 0.2460, 0.3122



43.1091, 0.2459, 0.2542



16.8027, 0.2981, 0.3262



28.4184, 0.2144, 0.2917



2.3169, 0.2159, 0.2973

Inverse Universe

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



42.0854, 0.3272, 0.2405



44.2557, 0.3308, 0.2239



60.4244, 0.3873, 0.3933



15.2816, 0.3156, 0.3085



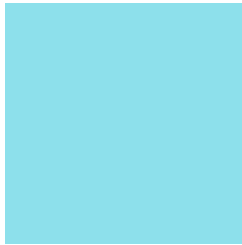
12.3617, 0.3528, 0.1717



0.9793, 0.3478, 0.1690

Previews

White Background



This preview shows how the Yxy color 64.9722, 0.2555, 0.3154 looks on a white background.

Color Contrast Check

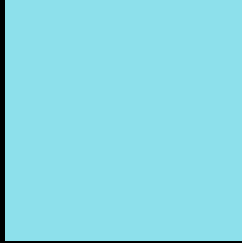
Large Text (above 18pt) WCAG AA × Fail

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 64.9722, 0.2555, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

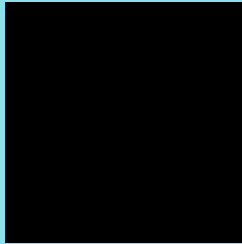
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9722, 0.2555, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 64.9722, 0.2555, 0.3154.

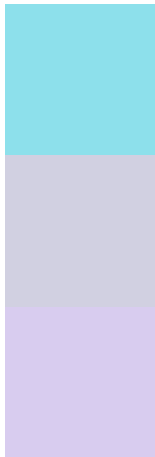


This preview shows how white text looks on a background with the Yxy color 64.9722, 0.2555, 0.3154.

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

64.9722, 0.2555, 0.3154

Protanopia

64.1033, 0.3019, 0.3099

Deuteranopia

64.0167, 0.2976, 0.2909



Tritanopia

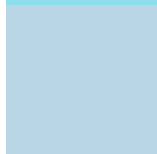
64.9659, 0.2534, 0.3072

Trichromacy



Original Color

64.9722, 0.2555, 0.3154



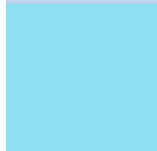
Protanomaly

63.9406, 0.2823, 0.3114



Deuteranomaly

63.5804, 0.2799, 0.2981



Tritanomaly

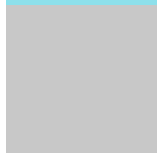
64.7581, 0.2539, 0.3095

Monochromacy



Original Color

64.9722, 0.2555, 0.3154



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

59.9887, 0.2885, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9722, 0.2555, 0.3154 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(141, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 224, 235)  
}
```

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(141, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 224, 235) }
```

Border

The CSS property to change the border of an element to Yxy 64.9722, 0.2555, 0.3154 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(141, 224, 235) }
```

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

```
.border{ border-color:rgb(141, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 224, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 224, 235); box-shadow:4px 4px 4px 4px rgb(141, 224, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9722, 0.2555, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 224, 235) }
```

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

```
.background{ background-color: rgb(141,  
224, 235) }
```

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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