

Converting Colors

$Yxy(67.5856, 0.2623, 0.3119)$

Have a look what the booklet for
Yxy(67.5856, 0.2623, 0.3119)
contains.

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Color

Yxy(67.4108, 0.2620, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	9EE1F0
RGB	158, 225, 240
RGB Percent	62%, 88%, 94%
CMY	0.3804, 0.1176, 0.0589
CMYK	0.34, 0.06, 0.00, 0.06
HSL	191°, 73%, 78%
HSV	191°, 34%, 94%
XYZ	56.7533, 67.4108, 92.4516
YIQ	206.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

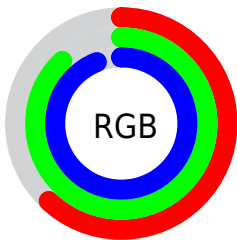
Format	Color
R _Y B	158, 195, 240
Decimal	10412528
CIE Lab	85.71, -17.37, -14.02
CIE LCh	86, 22.325, 218.910
Yxy	67.4108, 0.2620, 0.3112
Android (android.graphics.Color)	4288602608 (0xFF9EE1F0)
YUV	206.6770, 16.4282, -42.6897
Hunter-Lab	82.1041, -20.2965, -9.2894

Details

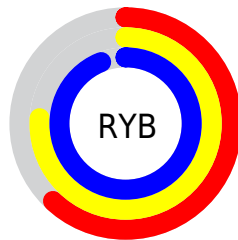
The Yxy color **67.4108, 0.2620, 0.3112** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8779, 0.3878, 0.3459**, and the grayscale version is **62.0942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **35.0937, 0.2503, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **62.8707, 0.2490, 0.3051**, and if you desaturate by 10%, it is **72.4924, 0.2761, 0.3169**.

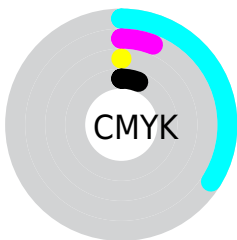
Distribution



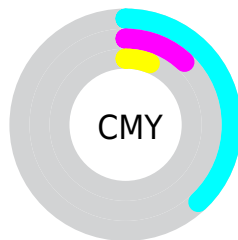
- Red (62%)
- Green (88%)
- Blue (94%)



- Red (62%)
- Yellow (76%)
- Blue (94%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)





- Cyan (38%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4108, 0.2620, 0.3112 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 67.4108, 0.2620, 0.3112 by changing the saturation by 10% instead.


 67.4108, 0.2620,
0.3112

 67.4108, 0.2620,
0.3112

451.4056, 0.2854,
0.3200

 49.4185, 0.2567,
0.3091


 115.5088, 0.2701,
0.3144

 34.9516, 0.2502,
0.3064

 146.3834, 0.2732,
0.3155

 23.6256, 0.2420,
0.3029


182.3209, 0.2759,
0.3166

 15.0561, 0.2314,
0.2981

223.7057, 0.2783,
0.3174

 8.8588, 0.2171,
0.2913

270.9222, 0.2804,
0.3182

 4.6492, 0.1969,
0.2810

324.3547, 0.2822,

 2.0429, 0.1667,

0.3189

0.2637

384.3877, 0.2839,
0.3195

0.6322, 0.0664,
0.2374

0.0000, 0.0000,
0.0000

67.4108, 0.2620,
0.3112

67.4108, 0.2620,
0.3112

62.8707, 0.2490,
0.3051

72.4924, 0.2761,
0.3169

58.8359, 0.2375,
0.2988

78.1334, 0.2909,
0.3222

55.2779, 0.2277,
0.2922

84.3607, 0.3063,
0.3271

52.1617, 0.2197,
0.2855

91.1969, 0.3218,
0.3315

■ 49.4469, 0.2137,
0.2788

■ 94.0365, 0.3221,
0.3358

■ 47.0841, 0.2096,
0.2722

■ 96.7508, 0.3217,
0.3400

■ 45.8243, 0.2079,
0.2684

■ 99.0708, 0.3214,
0.3434

Harmonies

Analogous

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



67.4108, 0.2742, 0.3369



67.4108, 0.2620, 0.3112



67.4108, 0.2626, 0.2921

Triad

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



67.4108, 0.2620, 0.3112



67.4108, 0.3273, 0.2996



67.4108, 0.3495, 0.3766

Complementary

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



67.4108, 0.2620, 0.3112



50.8779, 0.3878, 0.3459

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.



67.4108, 0.3651, 0.3638



67.4108, 0.2620, 0.3112



67.4108, 0.3522, 0.3198

Square

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



67.4108, 0.2620, 0.3112



67.4108, 0.2993, 0.2865



67.4108, 0.3663, 0.3429



67.4108, 0.3243, 0.3762

Rectangle

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



67.4108, 0.2620, 0.3112



67.4108, 0.2702, 0.2851



67.4108, 0.3663, 0.3429



67.4108, 0.3561, 0.3736

Sweetspot

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



67.4135, 0.2620, 0.3112



92.5420, 0.2972, 0.3243



72.5515, 0.3005, 0.4138



19.5954, 0.2951, 0.3236



0.0000, 0.0000, 0.0000



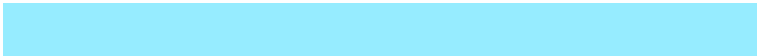
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4135, 0.2620, 0.3112



73.6726, 0.2528, 0.3070



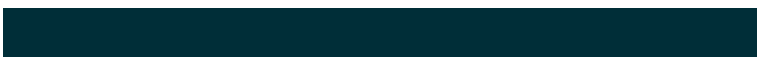
48.3989, 0.2555, 0.2617



17.4088, 0.2981, 0.3246



25.2680, 0.2082, 0.2695



2.2283, 0.2106, 0.2782

Inverse Universe

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



48.4164, 0.3293, 0.2582



49.2661, 0.3336, 0.2441



68.4124, 0.3733, 0.3880



15.9789, 0.3166, 0.3099



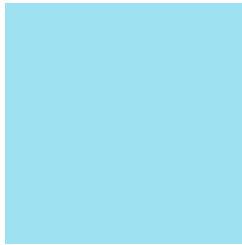
12.3442, 0.3733, 0.1830



1.0397, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 67.4108, 0.2620, 0.3112 looks on a white background.

Color Contrast Check

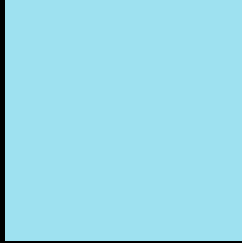
Large Text (above 18pt) WCAG AA × Fail

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 67.4108, 0.2620, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

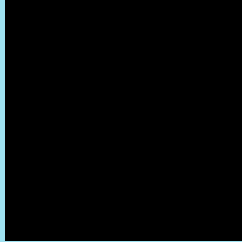
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4108, 0.2620, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 67.4108, 0.2620, 0.3112.

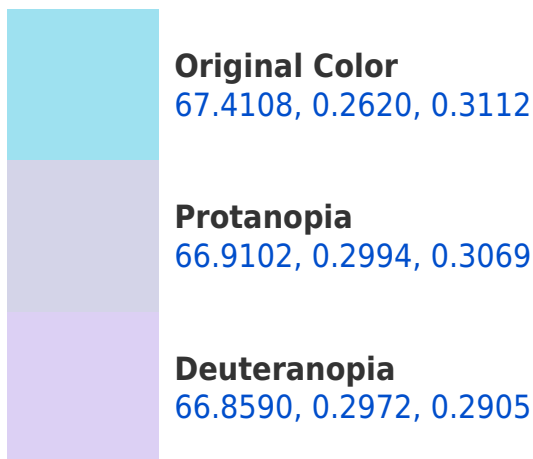


This preview shows how white text looks on a background with the Yxy color 67.4108, 0.2620, 0.3112.

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

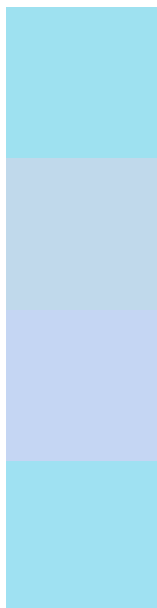




Tritanopia

67.6924, 0.2610, 0.3078

Trichromacy



Original Color

67.4108, 0.2620, 0.3112

Protanomaly

66.8303, 0.2841, 0.3085

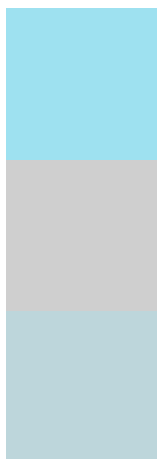
Deuteranomaly

66.4345, 0.2824, 0.2966

Tritanomaly

67.6322, 0.2615, 0.3089

Monochromacy



Original Color

67.4108, 0.2620, 0.3112

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

64.0264, 0.2918, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4108, 0.2620, 0.3112 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(158, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(158, 225, 240)  
}
```

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(158, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 225, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.4108, 0.2620, 0.3112 is called "border". The border property can be set on classes, ids or directly on the HTML element.

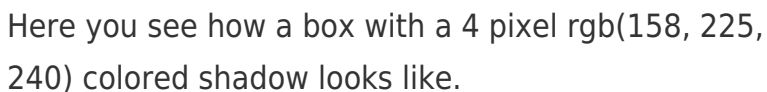
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 225, 240) }
```

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

```
.border{ border-color:rgb(158, 225, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 225, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 225, 240); box-shadow:4px 4px 4px 4px rgb(158, 225, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4108, 0.2620, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 225, 240) }
```

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

```
.background{ background-color: rgb(158,  
225, 240) }
```

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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