

Converting Colors

$Yxy(66.3270, 0.2681, 0.3745)$

Have a look what the booklet for
Yxy(66.3270, 0.2681, 0.3745)
contains.

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Color

Yxy(66.1044, 0.2684, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	7DE8C5
RGB	125, 232, 197
RGB Percent	49%, 91%, 77%
CMY	0.5098, 0.0902, 0.2276
CMYK	0.46, 0.00, 0.15, 0.09
HSL	160°, 70%, 70%
HSV	160°, 46%, 91%
XYZ	47.3889, 66.1044, 63.0676
YIQ	196.0170, -52.5370, -33.5690

Conversions

Conversions Part 2

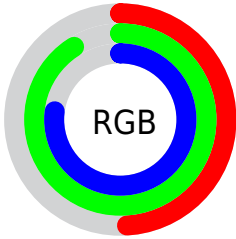
Format	Color
RYB	125, 189, 232
Decimal	8251589
CIELab	85.05, -39.08, 7.51
CIELCh	85, 39.798, 169.127
Yxy	66.1044, 0.2684, 0.3744
Android (android.graphics.Color)	4286441669 (0xFF7DE8C5)
YUV	196.0170, 0.4846, -62.2819
Hunter-Lab	81.3046, -38.2431, 10.9223

Details

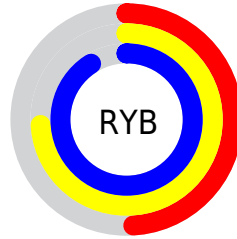
The Yxy color **66.1044, 0.2684, 0.3744** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **34.3631, 0.3955, 0.2894**, and the grayscale version is **55.2332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7430, 0.2721, 0.3300**, and **34.1921, 0.2574, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **64.2207, 0.2619, 0.3864**, and if you desaturate by 10%, it is **68.4187, 0.2763, 0.3631**.

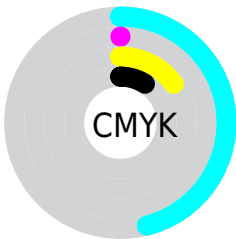
Distribution



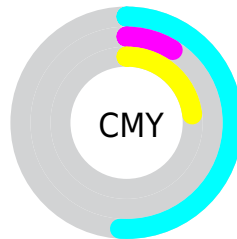
- Red (49%)
- Green (91%)
- Blue (77%)



- Red (49%)
- Yellow (74%)
- Blue (91%)



- Cyan (46%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)




- Cyan (51%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1044, 0.2684, 0.3744 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 66.1044, 0.2684, 0.3744 by changing the saturation by 10% instead.


 66.1044, 0.2684,
0.3744


 66.1044, 0.2684,
0.3744


446.7502, 0.2895,
0.3524


 48.3572, 0.2634,
0.3797


 113.6362, 0.2758,
0.3666

 34.1098, 0.2572,
0.3863


 144.1895, 0.2787,
0.3636

 22.9780, 0.2493,
0.3950


 179.7803, 0.2811,
0.3610

 14.5772, 0.2386,
0.4067

220.7929, 0.2833,
0.3588

 8.5232, 0.2238,
0.4234

267.6118, 0.2851,
0.3569

 4.4315, 0.2018,
0.4490


320.6214, 0.2867,

 1.9178, 0.1625,

0.3552

0.4950


380.2061, 0.2882,
0.3538


 0.5590, 0.0000,
0.8696

 0.0000, 0.0000,
0.0000


 66.1044, 0.2684,
0.3744


 66.1044, 0.2684,
0.3744


 64.2207, 0.2619,
0.3864


 68.4187, 0.2763,
0.3631


 62.7306, 0.2573,
0.3988


 71.1819, 0.2855,
0.3525


 61.6039, 0.2545,
0.4114


 74.4208, 0.2955,
0.3428


 60.8023, 0.2539,
0.4241


 78.1578, 0.3061,
0.3340


 60.2782, 0.2551,
0.4365

 82.4138, 0.3170,
0.3260

 60.1191, 0.2559,
0.4413

 85.4210, 0.3217,
0.3187

 85.8884, 0.3168,
0.3114

 86.1972, 0.3138,
0.3068

Harmonies

Analogous

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



66.1044, 0.3147, 0.4104



66.1044, 0.2684, 0.3744



66.1044, 0.2356, 0.3250

Triad

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



66.1044, 0.2684, 0.3744



66.1044, 0.2599, 0.2503



66.1044, 0.4117, 0.3639

Complementary

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



66.1044, 0.2684, 0.3744



34.3631, 0.3955, 0.2894

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.



66.1044, 0.3955, 0.3246



66.1044, 0.2684, 0.3744



66.1044, 0.3044, 0.2621

Square

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



66.1044, 0.2684, 0.3744



66.1044, 0.2313, 0.2564



66.1044, 0.3549, 0.2885



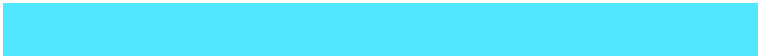
66.1044, 0.3988, 0.3986

Rectangle

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



66.1044, 0.2684, 0.3744



66.1044, 0.2247, 0.2947



66.1044, 0.3549, 0.2885



66.1044, 0.4096, 0.3509

Sweetspot

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



66.1071, 0.2684, 0.3744



93.1166, 0.2976, 0.3409



66.7405, 0.3283, 0.4644



19.7276, 0.2954, 0.3429



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.



66.1071, 0.2684, 0.3744



79.7554, 0.2624, 0.3853



58.3669, 0.2472, 0.3062



16.2519, 0.3025, 0.3368



33.3976, 0.2554, 0.4393



2.4849, 0.2503, 0.4212

Inverse Universe

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



34.3631, 0.3955, 0.2894



36.0260, 0.4217, 0.2827



38.2326, 0.4279, 0.3497



14.4454, 0.3241, 0.3213



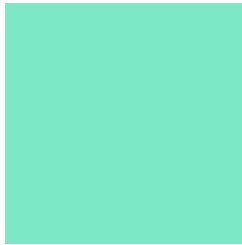
9.8342, 0.5657, 0.2890



0.7433, 0.5244, 0.2663

Previews

White Background



This preview shows how the Yxy color 66.1044, 0.2684, 0.3744 looks on a white background.

Color Contrast Check

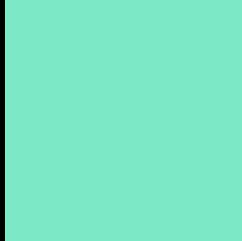
Large Text (above 18pt) WCAG AA × Fail

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 66.1044, 0.2684, 0.3744 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 66.1044, 0.2684, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 66.1044, 0.2684, 0.3744.



This preview shows how white text looks on a background with the Yxy color 66.1044, 0.2684, 0.3744.

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

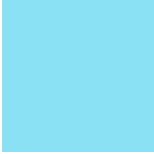
66.1044, 0.2684, 0.3744

Protanopia

65.5059, 0.3381, 0.3573

Deuteranopia

65.1597, 0.3376, 0.3302



Tritanopia

65.7854, 0.2500, 0.3060

Trichromacy



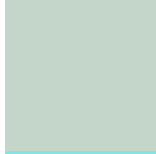
Original Color

66.1044, 0.2684, 0.3744



Protanomaly

64.8198, 0.3082, 0.3641



Deuteranomaly

63.9123, 0.3076, 0.3444



Tritanomaly

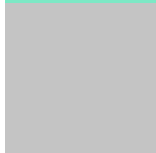
66.0194, 0.2564, 0.3301

Monochromacy



Original Color

66.1044, 0.2684, 0.3744



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

58.1325, 0.2931, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1044, 0.2684, 0.3744 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(125, 232, 197)` looks like.

```
.text, #text, p{  
    color:rgb(125, 232, 197)  
}
```

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(125, 232, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 232, 197) }
```

Border

The CSS property to change the border of an element to Yxy 66.1044, 0.2684, 0.3744 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(125, 232, 197) }
```

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

```
.border{ border-color:rgb(125, 232, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 232, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 232, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 232, 197);  
box-shadow:4px 4px 4px 4px rgb(125, 232,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1044, 0.2684, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 232, 197) }
```

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

```
.background{ background-color: rgb(125,  
232, 197) }
```

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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