

Converting Colors

$Yxy(66.5879, 0.2706, 0.4236)$

Have a look what the booklet for
Yxy(66.5879, 0.2706, 0.4236)
contains.

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Color

Yxy(66.4465, 0.2704, 0.4232)

Conversions

Conversions Part 1

Format	Color
Hex	5FEEA9
RGB	95, 238, 169
RGB Percent	37%, 93%, 66%
CMY	0.6273, 0.0667, 0.3374
CMYK	0.60, 0.00, 0.29, 0.07
HSL	151°, 81%, 65%
HSV	151°, 60%, 93%
XYZ	42.4554, 66.4465, 48.1078
YIQ	187.3770, -63.0790, -51.7750

Conversions

Conversions Part 2

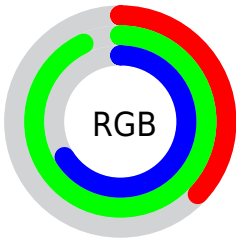
Format	Color
RYB	95, 189, 238
Decimal	6287017
CIELab	85.22, -54.10, 22.19
CIELCh	85, 58.475, 157.694
Yxy	66.4465, 0.2704, 0.4232
Android (android.graphics.Color)	4284477097 (0xFF5FEEA9)
YUV	187.3770, -9.0599, -81.0146
Hunter-Lab	81.5147, -49.6824, 22.0690

Details

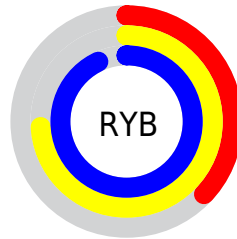
The Yxy color **66.4465, 0.2704, 0.4232** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **29.0517, 0.4060, 0.2561**, and the grayscale version is **50.0021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0699, 0.2737, 0.3646**, and **34.3386, 0.2581, 0.4489** is the 20% darker color. If you saturate the color by 10%, you get **64.9501, 0.2678, 0.4423**, and if you desaturate by 10%, it is **68.3755, 0.2748, 0.4046**.

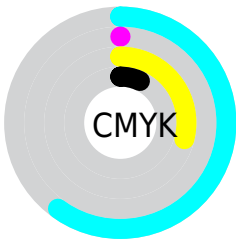
Distribution



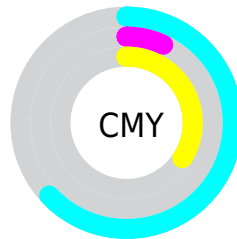
- Red (37%)
- Green (93%)
- Blue (66%)



- Red (37%)
- Yellow (74%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)




- Cyan (63%)
- Magenta (7%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4465, 0.2704, 0.4232 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 66.4465, 0.2704, 0.4232 by changing the saturation by 10% instead.


 66.4465, 0.2704,
0.4232


 66.4465, 0.2704,
0.4232


447.9720, 0.2916,
0.3761

 48.6350, 0.2651,
0.4349


 114.1269, 0.2781,
0.4061

 34.3300, 0.2584,
0.4498


 144.7646, 0.2810,
0.3997

 23.1472, 0.2494,
0.4695


 180.4465, 0.2834,
0.3943

 14.7023, 0.2371,
0.4966

 221.5569, 0.2855,
0.3896

 8.6107, 0.2192,
0.5359

268.4802, 0.2874,
0.3856

 4.4881, 0.1911,
0.5974

321.6010, 0.2890,

 1.9502, 0.1118,

0.3820

0.7755

381.3034, 0.2904,
0.3789

■ 0.5783, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4465, 0.2704,
0.4232

■ 66.4465, 0.2704,
0.4232

■ 64.9501, 0.2678,
0.4423

■ 68.3755, 0.2748,
0.4046

■ 63.8405, 0.2671,
0.4614

■ 70.7620, 0.2807,
0.3869


■ 63.0756, 0.2685,
0.4800


■ 73.6384, 0.2878,
0.3703


■ 62.5829, 0.2715,
0.4975

■ 77.0319, 0.2957,
0.3552

 80.9676, 0.3040,
0.3414

 85.4687, 0.3127,
0.3291

 89.2764, 0.3169,
0.3180

 89.6309, 0.3135,
0.3127

Harmonies

Analogous

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



66.4465, 0.3393, 0.4614



66.4465, 0.2704, 0.4232



66.4465, 0.2166, 0.3494

Triad

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



66.4465, 0.2704, 0.4232



66.4465, 0.2191, 0.2185



66.4465, 0.4539, 0.3529

Complementary

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



66.4465, 0.2704, 0.4232



29.0517, 0.4060, 0.2561

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.



66.4465, 0.4149, 0.3003



66.4465, 0.2704, 0.4232



66.4465, 0.2731, 0.2268

Square

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



66.4465, 0.2704, 0.4232



66.4465, 0.1908, 0.2347



66.4465, 0.3453, 0.2558



66.4465, 0.4482, 0.4064

Rectangle

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



66.4465, 0.2704, 0.4232



66.4465, 0.1953, 0.3002



66.4465, 0.3453, 0.2558



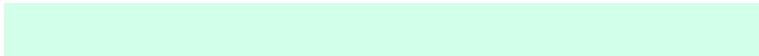
66.4465, 0.4456, 0.3349

Sweetspot

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



66.4492, 0.2704, 0.4232



90.9637, 0.2973, 0.3523



69.8849, 0.3436, 0.5004



19.2002, 0.2949, 0.3565



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.



66.4492, 0.2704, 0.4232



75.6406, 0.2674, 0.4465



68.3806, 0.2384, 0.3258



17.7929, 0.3045, 0.3406



34.9403, 0.2708, 0.4948



2.9268, 0.2643, 0.4714

Inverse Universe

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



29.0517, 0.4060, 0.2561



28.3575, 0.4361, 0.2480



27.6318, 0.5002, 0.3319



15.8860, 0.3217, 0.3177



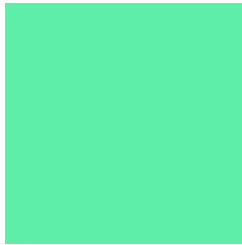
10.8565, 0.5031, 0.2545



0.9232, 0.4727, 0.2378

Previews

White Background



This preview shows how the Yxy color 66.4465, 0.2704, 0.4232 looks on a white background.

Color Contrast Check

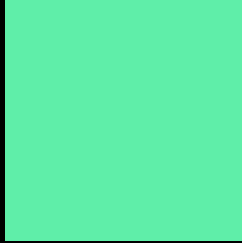
Large Text (above 18pt) WCAG AA × Fail

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 66.4465, 0.2704, 0.4232 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 66.4465, 0.2704, 0.4232

Background



This preview shows how black text looks on a background with the Yxy color 66.4465, 0.2704, 0.4232.



This preview shows how white text looks on a background with the Yxy color 66.4465, 0.2704, 0.4232.

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

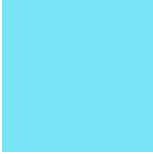
66.4465, 0.2704, 0.4232

Protanopia

65.3537, 0.3641, 0.3897

Deuteranopia

65.1193, 0.3652, 0.3571



Tritanopia

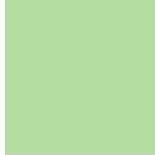
66.1337, 0.2419, 0.3069

Trichromacy



Original Color

66.4465, 0.2704, 0.4232



Protanomaly

63.8698, 0.3218, 0.4039



Deuteranomaly

63.1149, 0.3220, 0.3803



Tritanomaly

66.1547, 0.2519, 0.3467

Monochromacy



Original Color

66.4465, 0.2704, 0.4232



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

54.3079, 0.2923, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4465, 0.2704, 0.4232 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(95, 238, 169)` looks like.

```
.text, #text, p{  
    color:rgb(95, 238, 169)  
}
```

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(95, 238, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 238, 169) }
```

Border

The CSS property to change the border of an element to Yxy 66.4465, 0.2704, 0.4232 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(95, 238, 169) }
```

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

```
.border{ border-color:rgb(95, 238, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 238, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 238, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 238, 169);  
box-shadow:4px 4px 4px 4px rgb(95, 238,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4465, 0.2704, 0.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 238, 169) }
```

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

```
.background{ background-color: rgb(95, 238,  
169) }
```

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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