

Converting Colors

$Yxy(66.1832, 0.2603, 0.4410)$

Have a look what the booklet for
Yxy(66.1832, 0.2603, 0.4410)
contains.

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Color

Yxy(66.0547, 0.2602, 0.4405)

Conversions

Conversions Part 1

Format	Color
Hex	2CF1A2
RGB	44, 241, 162
RGB Percent	17%, 95%, 64%
CMY	0.8272, 0.0549, 0.3647
CMYK	0.82, 0.00, 0.33, 0.05
HSL	156°, 88%, 56%
HSV	156°, 82%, 95%
XYZ	39.0180, 66.0547, 44.8812
YIQ	173.0910, -92.0530, -66.3330

Conversions

Conversions Part 2

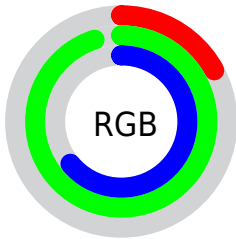
Format	Color
RYB	44, 167, 241
Decimal	2945442
CIELab	85.02, -63.85, 25.34
CIELCh	85, 68.690, 158.356
Yxy	66.0547, 0.2602, 0.4405
Android (android.graphics.Color)	4281135522 (0xFF2CF1A2)
YUV	173.0910, -5.4679, -113.2128
Hunter-Lab	81.2740, -56.5354, 24.1507

Details

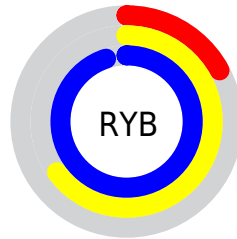
The Yxy color **66.0547, 0.2602, 0.4405** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **21.9379, 0.4879, 0.2626**, and the grayscale version is **41.9118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8148, 0.2624, 0.3747**, and **35.4068, 0.2629, 0.4665** is the 20% darker color. If you saturate the color by 10%, you get **65.3381, 0.2613, 0.4560**, and if you desaturate by 10%, it is **67.1123, 0.2611, 0.4247**.

Distribution



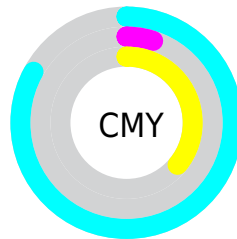
- Red (17%)
- Green (95%)
- Blue (64%)



- Red (17%)
- Yellow (65%)
- Blue (95%)



- Cyan (82%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)





- Cyan (83%)
- Magenta (5%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0547, 0.2602, 0.4405 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 66.0547, 0.2602, 0.4405 by changing the saturation by 10% instead.

 66.0547, 0.2602,
0.4405


 66.0547, 0.2602,
0.4405


446.5725, 0.2867,
0.3843


 48.3168, 0.2536,
0.4546


 113.5648, 0.2698,
0.4200


 34.0778, 0.2451,
0.4726


 144.1059, 0.2735,
0.4123

 22.9534, 0.2339,
0.4964


 179.6834, 0.2765,
0.4058

 14.5591, 0.2185,
0.5293

 220.6819, 0.2791,
0.4003

 8.5105, 0.1961,
0.5771

 267.4856, 0.2814,
0.3955

 4.4233, 0.1614,
0.6511

320.4790, 0.2834,

 1.9131, 0.0113,

0.3913

0.9686

380.0465, 0.2851,
0.3875

■ 0.5562, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0547, 0.2602,
0.4405

■ 66.0547, 0.2602,
0.4405

■ 65.3381, 0.2613,
0.4560


■ 67.1123, 0.2611,
0.4247

■ 64.9356, 0.2635,
0.4686


■ 68.5505, 0.2641,
0.4090

■ 70.4111, 0.2690,
0.3936


■ 72.7287, 0.2754,
0.3790

 75.5338, 0.2832,
0.3653

 78.8544, 0.2919,
0.3526

 82.7164, 0.3013,
0.3411

 87.1438, 0.3110,
0.3307

 91.0114, 0.3170,
0.3213

Harmonies

Analogous

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



66.0547, 0.3393, 0.4862



66.0547, 0.2602, 0.4405



66.0547, 0.1999, 0.3499

Triad

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



66.0547, 0.2602, 0.4405



66.0547, 0.2058, 0.2023



66.0547, 0.4786, 0.3549

Complementary

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



66.0547, 0.2602, 0.4405



21.9379, 0.4879, 0.2626

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.



66.0547, 0.4344, 0.2958



66.0547, 0.2602, 0.4405



66.0547, 0.2675, 0.2127

Square

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



66.0547, 0.2602, 0.4405



66.0547, 0.1736, 0.2187



66.0547, 0.3521, 0.2457



66.0547, 0.4687, 0.4162

Rectangle

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



66.0547, 0.2602, 0.4405



66.0547, 0.1770, 0.2916



66.0547, 0.3521, 0.2457



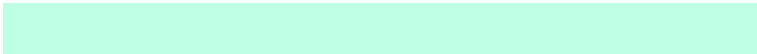
66.0547, 0.4698, 0.3346

Sweetspot

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



66.0573, 0.2602, 0.4405



88.3101, 0.2889, 0.3567



67.5383, 0.3340, 0.5565



18.6179, 0.2858, 0.3612



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.



66.0573, 0.2602, 0.4405



73.9119, 0.2630, 0.4660



60.5164, 0.2222, 0.3074



17.8154, 0.3034, 0.3386



35.2400, 0.2628, 0.4661



2.9512, 0.2572, 0.4460

Inverse Universe

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



21.9379, 0.4879, 0.2626



22.3974, 0.5367, 0.2741



22.1645, 0.5887, 0.3400



15.8639, 0.3230, 0.3196



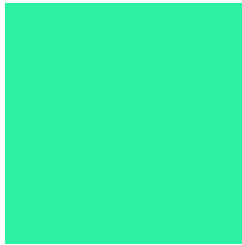
10.6305, 0.5373, 0.2733



0.9035, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 66.0547, 0.2602, 0.4405 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 66.0547, 0.2602, 0.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

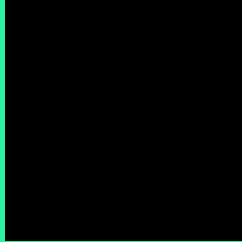
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0547, 0.2602, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 66.0547, 0.2602, 0.4405.

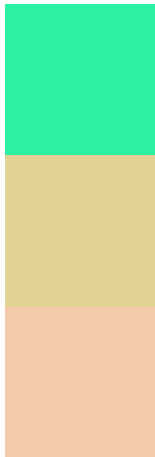


This preview shows how white text looks on a background with the Yxy color 66.0547, 0.2602, 0.4405.

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

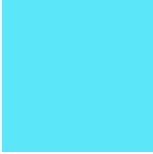
66.0547, 0.2602, 0.4405

Protanopia

64.5940, 0.3702, 0.3976

Deuteranopia

64.4144, 0.3702, 0.3625



Tritanopia

65.7085, 0.2315, 0.3053

Trichromacy



Original Color

66.0547, 0.2602, 0.4405



Protanomaly

61.5196, 0.3127, 0.4165



Deuteranomaly

60.5968, 0.3120, 0.3904



Tritanomaly

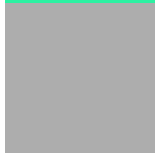
65.3512, 0.2410, 0.3512

Monochromacy



Original Color

66.0547, 0.2602, 0.4405



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

47.6884, 0.2799, 0.3711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0547, 0.2602, 0.4405 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(44, 241, 162)` looks like.

```
.text, #text, p{  
    color:rgb(44, 241, 162)  
}
```

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(44, 241, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 241, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.0547, 0.2602, 0.4405 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(44, 241, 162) }
```

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

```
.border{ border-color:rgb(44, 241, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 241, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 241, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 241, 162);  
box-shadow:4px 4px 4px 4px rgb(44, 241,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0547, 0.2602, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 241, 162) }
```

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

```
.background{ background-color: rgb(44, 241,  
162) }
```

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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