

Converting Colors

$Yxy(62.2253, 0.2914, 0.4233)$

Have a look what the booklet for
Yxy(62.2253, 0.2914, 0.4233)
contains.

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Color

Yxy(62.1526, 0.2913, 0.4226)

Conversions

Conversions Part 1

Format	Color
Hex	82E39E
RGB	130, 227, 158
RGB Percent	51%, 89%, 62%
CMY	0.4903, 0.1098, 0.3805
CMYK	0.43, 0.00, 0.30, 0.11
HSL	137°, 63%, 70%
HSV	137°, 43%, 89%
XYZ	42.8421, 62.1526, 42.0773
YIQ	190.1310, -35.6630, -42.0230

Conversions

Conversions Part 2

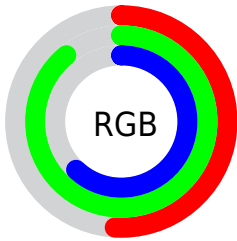
Format	Color
RYB	130, 205, 227
Decimal	8577950
CIELab	82.99, -43.33, 25.00
CIElCh	83, 50.030, 150.016
Yxy	62.1526, 0.2913, 0.4226
Android (android.graphics.Color)	4286768030 (0xFF82E39E)
YUV	190.1310, -15.8406, -52.7349
Hunter-Lab	78.8369, -40.9630, 23.5413

Details

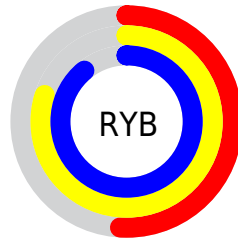
The Yxy color **62.1526, 0.2913, 0.4226** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.4145, 0.3451, 0.2515**, and the grayscale version is **51.6773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8889, 0.2952, 0.3757**, and **31.6223, 0.2843, 0.4498** is the 20% darker color. If you saturate the color by 10%, you get **60.0341, 0.2878, 0.4495**, and if you desaturate by 10%, it is **64.7452, 0.2957, 0.3972**.

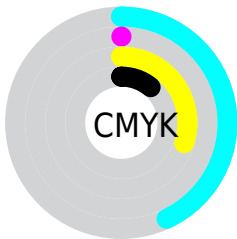
Distribution



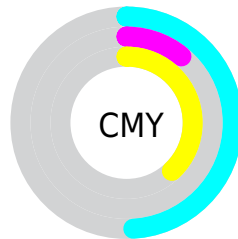
- Red (51%)
- Green (89%)
- Blue (62%)



- Red (51%)
- Yellow (80%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (49%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1526, 0.2913, 0.4226 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 62.1526, 0.2913, 0.4226 by changing the saturation by 10% instead.


 62.1526, 0.2913,
0.4226


 62.1526, 0.2913,
0.4226


432.4875, 0.3029,
0.3754

 45.1560, 0.2882,
0.4344


 107.9461, 0.2957,
0.4054

 31.5803, 0.2840,
0.4496


 137.5117, 0.2973,
0.3990

 21.0412, 0.2783,
0.4697


 172.0358, 0.2986,
0.3935

 13.1541, 0.2700,
0.4976


211.9028, 0.2997,
0.3889

 7.5347, 0.2570,
0.5385

257.4971, 0.3007,
0.3848

 3.7987, 0.2343,
0.6030

309.2031, 0.3015,

 1.5616, 0.1654,

0.3813

0.8346

367.4051, 0.3022,
0.3782

■ 0.3315, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1526, 0.2913,
0.4226

■ 62.1526, 0.2913,
0.4226

■ 60.0341, 0.2878,
0.4495

■ 64.7452, 0.2957,
0.3972

■ 58.3529, 0.2855,
0.4770


■ 67.8309, 0.3006,
0.3738

■ 57.0791, 0.2847,
0.5040


■ 71.4367, 0.3059,
0.3526


■ 56.1752, 0.2855,
0.5291

■ 75.5856, 0.3113,
0.3338

 55.5969, 0.2878,
0.5510

 80.2992, 0.3166,
0.3172

 55.3311, 0.2901,
0.5644

 83.4153, 0.3141,
0.3020

 83.4234, 0.3140,
0.3019

Harmonies

Analogous

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



62.1526, 0.3531, 0.4454



62.1526, 0.2913, 0.4226



62.1526, 0.2384, 0.3646

Triad

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



62.1526, 0.2913, 0.4226



62.1526, 0.2208, 0.2323



62.1526, 0.4311, 0.3393

Complementary

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



62.1526, 0.2913, 0.4226



36.4145, 0.3451, 0.2515

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.



62.1526, 0.3883, 0.2929



62.1526, 0.2913, 0.4226



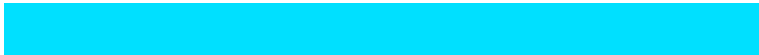
62.1526, 0.2639, 0.2340

Square

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



62.1526, 0.2913, 0.4226



62.1526, 0.2013, 0.2538



62.1526, 0.3248, 0.2557



62.1526, 0.4371, 0.3876

Rectangle

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



62.1526, 0.2913, 0.4226



62.1526, 0.2146, 0.3205



62.1526, 0.3248, 0.2557



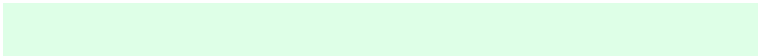
62.1526, 0.4204, 0.3233

Sweetspot

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



62.1552, 0.2913, 0.4226



92.8191, 0.3057, 0.3533



68.7672, 0.3551, 0.4424



19.6322, 0.3045, 0.3578



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.



62.1552, 0.2913, 0.4226



78.5022, 0.2882, 0.4456



64.1427, 0.2653, 0.3560



16.1572, 0.3077, 0.3462



32.2838, 0.2894, 0.5618



2.4014, 0.2813, 0.5327

Inverse Universe

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



36.4145, 0.3451, 0.2515



40.9485, 0.3540, 0.2370



34.5252, 0.3993, 0.3046



14.5406, 0.3182, 0.3124



11.0560, 0.4101, 0.2033



0.8329, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 62.1526, 0.2913, 0.4226 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 62.1526, 0.2913, 0.4226 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 62.1526, 0.2913, 0.4226

Background



This preview shows how black text looks on a background with the Yxy color 62.1526, 0.2913, 0.4226.



This preview shows how white text looks on a background with the Yxy color 62.1526, 0.2913, 0.4226.

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

62.1526, 0.2913, 0.4226

Protanopia

61.1729, 0.3677, 0.3947

Deuteranopia

60.9636, 0.3732, 0.3654



Tritanopia

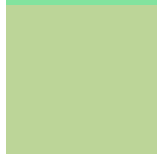
61.8269, 0.2573, 0.3069

Trichromacy



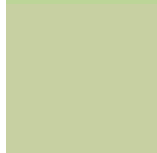
Original Color

62.1526, 0.2913, 0.4226



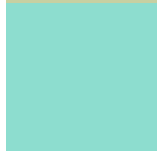
Protanomaly

60.5469, 0.3358, 0.4050



Deuteranomaly

59.8625, 0.3386, 0.3851



Tritanomaly

61.8806, 0.2696, 0.3468

Monochromacy



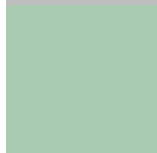
Original Color

62.1526, 0.2913, 0.4226



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.2511, 0.3036, 0.3617

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1526, 0.2913, 0.4226 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(130, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(130, 227, 158)  
}
```

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(130, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 227, 158) }
```

Border

The CSS property to change the border of an element to Yxy 62.1526, 0.2913, 0.4226 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(130, 227, 158) }
```

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

```
.border{ border-color:rgb(130, 227, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 227, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(130, 227,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1526, 0.2913, 0.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 227, 158) }
```

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

```
.background{ background-color: rgb(130,  
227, 158) }
```

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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