

Converting Colors

$Yxy(62.2712, 0.2991, 0.4195)$

Have a look what the booklet for
Yxy(62.2712, 0.2991, 0.4195)
contains.

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Color

Yxy(62.1244, 0.2996, 0.4197)

Conversions

Conversions Part 1

Format	Color
Hex	8FE19D
RGB	143, 225, 157
RGB Percent	56%, 88%, 62%
CMY	0.4389, 0.1177, 0.3843
CMYK	0.36, 0.00, 0.30, 0.12
HSL	130°, 58%, 72%
HSV	130°, 36%, 88%
XYZ	44.3471, 62.1244, 41.5495
YIQ	192.7300, -27.0440, -38.5320

Conversions

Conversions Part 2

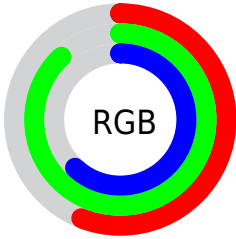
Format	Color
RYB	143, 213, 225
Decimal	9429405
CIELab	82.98, -38.83, 25.59
CIELCh	83, 46.505, 146.617
Yxy	62.1244, 0.2996, 0.4197
Android (android.graphics.Color)	4287619485 (0xFF8FE19D)
YUV	192.7300, -17.6149, -43.6132
Hunter-Lab	78.8190, -37.5013, 23.9186

Details

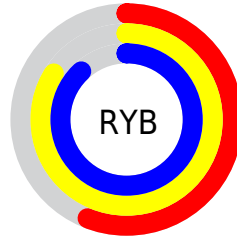
The Yxy color **62.1244, 0.2996, 0.4197** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.3788, 0.3296, 0.2528**, and the grayscale version is **53.2885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4156, 0.3027, 0.3759**, and **31.5197, 0.2949, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **59.7252, 0.2966, 0.4501**, and if you desaturate by 10%, it is **65.0290, 0.3030, 0.3913**.

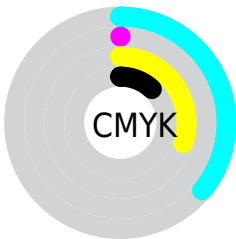
Distribution



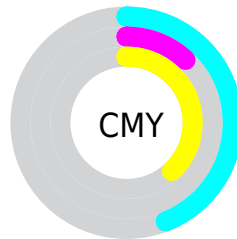
- Red (56%)
- Green (88%)
- Blue (62%)



- Red (56%)
- Yellow (84%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (30%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1244, 0.2996, 0.4197 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 62.1244, 0.2996, 0.4197 by changing the saturation by 10% instead.


 62.1244, 0.2996,
0.4197


 62.1244, 0.2996,
0.4197

432.3847, 0.3071,
0.3741

 45.1332, 0.2974,
0.4311


 107.9053, 0.3025,
0.4031

 31.5624, 0.2945,
0.4456


 137.4638, 0.3036,
0.3969

 21.0275, 0.2904,
0.4649


171.9802, 0.3045,
0.3917

 13.1441, 0.2841,
0.4915

211.8390, 0.3052,
0.3871

 7.5278, 0.2740,
0.5304

257.4244, 0.3058,
0.3832

 3.7943, 0.2555,
0.5915

309.1209, 0.3063,

 1.5592, 0.2113,

0.3798

0.7887

367.3129, 0.3067,
0.3768

0.3299, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.1244, 0.2996,
0.4197

62.1244, 0.2996,
0.4197

59.7252, 0.2966,
0.4501

65.0290, 0.3030,
0.3913

57.7951, 0.2943,
0.4813


68.4576, 0.3067,
0.3654

56.3050, 0.2929,
0.5119


72.4372, 0.3104,
0.3423


55.2195, 0.2926,
0.5399


76.9907, 0.3140,
0.3220

 54.4976, 0.2936,
0.5635

 82.0323, 0.3171,
0.3043

 54.0881, 0.2955,
0.5813

 82.3270, 0.3141,
0.2999

 53.9885, 0.2962,
0.5862

Harmonies

Analogous

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



62.1244, 0.3573, 0.4369



62.1244, 0.2996, 0.4197



62.1244, 0.2483, 0.3690

Triad

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



62.1244, 0.2996, 0.4197



62.1244, 0.2234, 0.2396



62.1244, 0.4197, 0.3341

Complementary

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



62.1244, 0.2996, 0.4197



40.3788, 0.3296, 0.2528

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.



62.1244, 0.3769, 0.2909



62.1244, 0.2996, 0.4197



62.1244, 0.2617, 0.2386

Square

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



62.1244, 0.2996, 0.4197



62.1244, 0.2076, 0.2629



62.1244, 0.3173, 0.2571



62.1244, 0.4298, 0.3797

Rectangle

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



62.1244, 0.2996, 0.4197



62.1244, 0.2241, 0.3283



62.1244, 0.3173, 0.2571



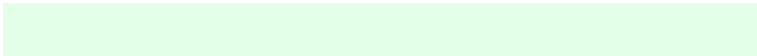
62.1244, 0.4086, 0.3191

Sweetspot

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



62.1270, 0.2996, 0.4197



93.6530, 0.3087, 0.3528



69.7313, 0.3568, 0.4227



19.8919, 0.3082, 0.3559



0.0000, 0.0000, 0.0000



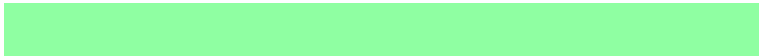
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1270, 0.2996, 0.4197



79.9459, 0.2972, 0.4436



63.7555, 0.2764, 0.3640



15.3751, 0.3093, 0.3490



31.1243, 0.2956, 0.5842



2.1689, 0.2884, 0.5582

Inverse Universe

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



40.3788, 0.3296, 0.2528



46.8968, 0.3343, 0.2369



38.5889, 0.3709, 0.2971



13.8935, 0.3164, 0.3098



11.3008, 0.3690, 0.1806



0.7940, 0.3603, 0.1759

Previews

White Background



This preview shows how the Yxy color 62.1244, 0.2996, 0.4197 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 62.1244, 0.2996, 0.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

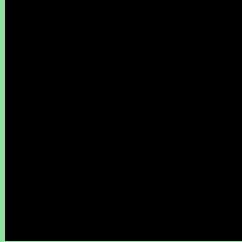
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1244, 0.2996, 0.4197

Background



This preview shows how black text looks on a background with the Yxy color 62.1244, 0.2996, 0.4197.



This preview shows how white text looks on a background with the Yxy color 62.1244, 0.2996, 0.4197.

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

62.1244, 0.2996, 0.4197

Protanopia

61.1729, 0.3677, 0.3947

Deuteranopia

61.1021, 0.3749, 0.3664



Tritanopia

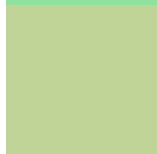
61.7532, 0.2641, 0.3071

Trichromacy



Original Color

62.1244, 0.2996, 0.4197



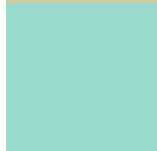
Protanomaly

60.6588, 0.3406, 0.4042



Deuteranomaly

60.1780, 0.3444, 0.3843



Tritanomaly

61.8431, 0.2774, 0.3466

Monochromacy



Original Color

62.1244, 0.2996, 0.4197



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

56.0719, 0.3074, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1244, 0.2996, 0.4197 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(143, 225, 157)` looks like.

```
.text, #text, p{  
    color:rgb(143, 225, 157)  
}
```

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(143, 225, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 225, 157) }
```

Border

The CSS property to change the border of an element to Yxy 62.1244, 0.2996, 0.4197 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(143, 225, 157) }
```

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

```
.border{ border-color:rgb(143, 225, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 225, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 225, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 225, 157); box-shadow:4px 4px 4px 4px rgb(143, 225, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1244, 0.2996, 0.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 225, 157) }
```

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

```
.background{ background-color: rgb(143,  
225, 157) }
```

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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