

Converting Colors

Yxy(62.6761, 0.3099, 0.4560)

Have a look what the booklet for
Yxy(62.6761, 0.3099, 0.4560)
contains.

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Color

Yxy(62.6692, 0.3104, 0.4563)

Conversions

Conversions Part 1

Format	Color
Hex	8BE485
RGB	139, 228, 133
RGB Percent	55%, 89%, 52%
CMY	0.4547, 0.1059, 0.4784
CMYK	0.39, 0.00, 0.42, 0.11
HSL	116°, 64%, 71%
HSV	116°, 42%, 89%
XYZ	42.6310, 62.6692, 32.0419
YIQ	190.5590, -22.5490, -48.4130

Conversions

Conversions Part 2

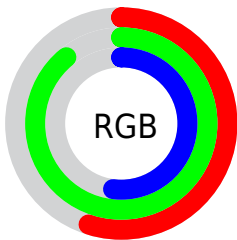
Format	Color
RYB	133, 228, 222
Decimal	9168005
CIELab	83.27, -45.14, 38.12
CIELCh	83, 59.087, 139.820
Yxy	62.6692, 0.3104, 0.4563
Android (android.graphics.Color)	4287358085 (0xFF8BE485)
YUV	190.5590, -28.3766, -45.2172
Hunter-Lab	79.1639, -42.4117, 31.4168

Details

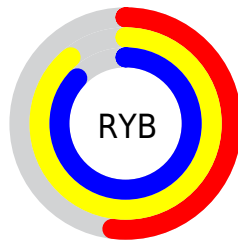
The Yxy color **62.6692, 0.3104, 0.4563** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **37.9010, 0.3119, 0.2251**, and the grayscale version is **52.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8436, 0.3146, 0.4048**, and **31.9532, 0.3057, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **60.4458, 0.3091, 0.4917**, and if you desaturate by 10%, it is **65.3935, 0.3114, 0.4215**.

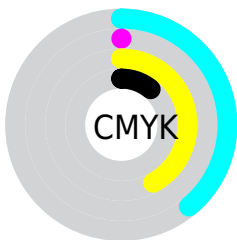
Distribution



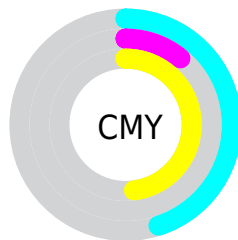
- Red (55%)
- Green (89%)
- Blue (52%)



- Red (52%)
- Yellow (89%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)




- Cyan (45%)
- Magenta (11%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6692, 0.3104, 0.4563 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 62.6692, 0.3104, 0.4563 by changing the saturation by 10% instead.


 62.6692, 0.3104,
0.4563

 62.6692, 0.3104,
0.4563


434.3679, 0.3141,
0.3920


 45.5736, 0.3087,
0.4723


 108.6921, 0.3123,
0.4329

 31.9095, 0.3061,
0.4927


 138.3883, 0.3128,
0.4241

 21.2924, 0.3020,
0.5195


 173.0535, 0.3132,
0.4167

 13.3379, 0.2949,
0.5560

213.0720, 0.3135,
0.4103

 7.6616, 0.2819,
0.6074

258.8283, 0.3137,
0.4048

 3.8792, 0.2657,
0.7089

310.7068, 0.3139,

 1.6062, 0.1547,

0.4000

0.8453

369.0919, 0.3140,
0.3957

■ 0.3618, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6692, 0.3104,
0.4563

■ 62.6692, 0.3104,
0.4563

■ 60.4458, 0.3091,
0.4917

■ 65.3935, 0.3114,
0.4215

■ 58.6856, 0.3076,
0.5256


■ 68.6383, 0.3120,
0.3889


■ 57.3579, 0.3058,
0.5553

■ 72.4315, 0.3125,
0.3593


■ 56.4253, 0.3039,
0.5782

■ 76.7969, 0.3127,
0.3330

 55.8438, 0.3022,
0.5928

 81.7569, 0.3128,
0.3101

 55.5823, 0.3011,
0.5991

 83.9648, 0.3139,
0.3029

Harmonies

Analogous

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



62.6692, 0.3814, 0.4633



62.6692, 0.3104, 0.4563



62.6692, 0.2439, 0.3977

Triad

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



62.6692, 0.3104, 0.4563



62.6692, 0.1961, 0.2222



62.6692, 0.4394, 0.3205

Complementary

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



62.6692, 0.3104, 0.4563



37.9010, 0.3119, 0.2251

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.



62.6692, 0.3772, 0.2707



62.6692, 0.3104, 0.4563



62.6692, 0.2359, 0.2164

Square

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



62.6692, 0.3104, 0.4563



62.6692, 0.1834, 0.2554



62.6692, 0.3004, 0.2339



62.6692, 0.4612, 0.3756

Rectangle

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



62.6692, 0.3104, 0.4563



62.6692, 0.2109, 0.3442



62.6692, 0.3004, 0.2339



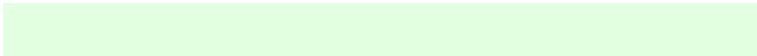
62.6692, 0.4222, 0.3029

Sweetspot

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



62.6718, 0.3104, 0.4563



93.1484, 0.3124, 0.3605



70.2513, 0.3774, 0.4258



19.7920, 0.3124, 0.3642



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.



62.6718, 0.3104, 0.4563



78.2670, 0.3093, 0.4870



63.5347, 0.2841, 0.4005



16.1327, 0.3125, 0.3532



32.1137, 0.3014, 0.5989



2.3886, 0.3054, 0.5957

Inverse Universe

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



37.9010, 0.3119, 0.2251



42.2824, 0.3112, 0.2056



36.8516, 0.3585, 0.2678



14.5661, 0.3128, 0.3058



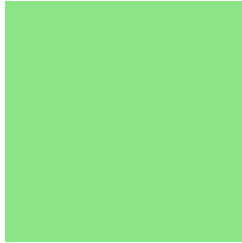
11.4659, 0.3051, 0.1454



0.8615, 0.3075, 0.1468

Previews

White Background



This preview shows how the Yxy color 62.6692, 0.3104, 0.4563 looks on a white background.

Color Contrast Check

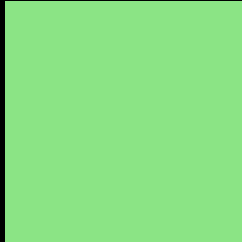
Large Text (above 18pt) WCAG AA × Fail

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 62.6692, 0.3104, 0.4563 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 62.6692, 0.3104, 0.4563

Background



This preview shows how black text looks on a background with the Yxy color 62.6692, 0.3104, 0.4563.



This preview shows how white text looks on a background with the Yxy color 62.6692, 0.3104, 0.4563.

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

62.6692, 0.3104, 0.4563

Protanopia

61.7920, 0.3880, 0.4196

Deuteranopia

61.6001, 0.3990, 0.3898



Tritanopia

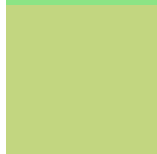
62.3213, 0.2637, 0.3072

Trichromacy



Original Color

62.6692, 0.3104, 0.4563



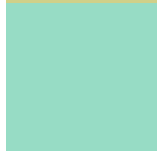
Protanomaly

61.1210, 0.3563, 0.4338



Deuteranomaly

60.3278, 0.3638, 0.4134



Tritanomaly

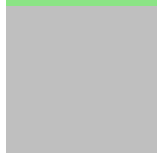
61.7969, 0.2809, 0.3584

Monochromacy



Original Color

62.6692, 0.3104, 0.4563



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.8587, 0.3122, 0.3734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6692, 0.3104, 0.4563 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(139, 228, 133)` looks like.

```
.text, #text, p{  
    color:rgb(139, 228, 133)  
}
```

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(139, 228, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 228, 133) }
```

Border

The CSS property to change the border of an element to Yxy 62.6692, 0.3104, 0.4563 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(139, 228, 133) }
```

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

```
.border{ border-color:rgb(139, 228, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 228, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 228, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 228, 133);  
box-shadow:4px 4px 4px 4px rgb(139, 228,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6692, 0.3104, 0.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 228, 133) }
```

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

```
.background{ background-color: rgb(139,  
228, 133) }
```

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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