

Converting Colors

$Yxy(60.7502, 0.3471, 0.4895)$

Have a look what the booklet for
Yxy(60.7502, 0.3471, 0.4895)
contains.

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Color

Yxy(60.7502, 0.3471, 0.4895)

Conversions

Conversions Part 1

Format	Color
Hex	A2DE5F
RGB	162, 222, 95
RGB Percent	64%, 87%, 37%
CMY	0.3649, 0.1293, 0.6275
CMYK	0.27, 0.00, 0.57, 0.13
HSL	88°, 66%, 62%
HSV	88°, 57%, 87%
XYZ	43.0774, 60.7502, 20.2790
YIQ	189.5820, 5.0070, -52.2170

Conversions

Conversions Part 2

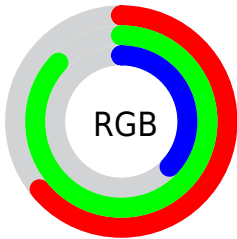
Format	Color
RYB	95, 222, 155
Decimal	10673759
CIELab	82.24, -39.40, 55.17
CIELCh	82, 67.795, 125.532
Yxy	60.7502, 0.3471, 0.4895
Android (android.graphics.Color)	4288863839 (0xFFA2DE5F)
YUV	189.5820, -46.6289, -24.1894
Hunter-Lab	77.9424, -37.7454, 39.1336

Details

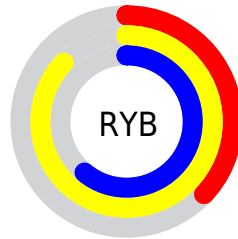
The Yxy color **60.7502, 0.3471, 0.4895** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **20.4332, 0.2511, 0.1666**, and the grayscale version is **51.5044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7500, 0.3502, 0.4415**, and **30.4898, 0.3484, 0.5322** is the 20% darker color. If you saturate the color by 10%, you get **59.3514, 0.3489, 0.5155**, and if you desaturate by 10%, it is **62.3612, 0.3434, 0.4609**.

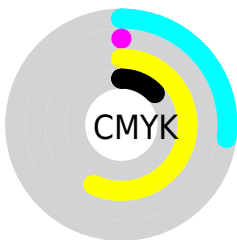
Distribution



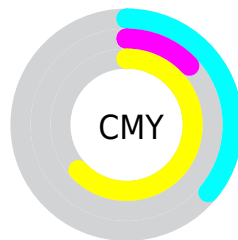
- Red (64%)
- Green (87%)
- Blue (37%)



- Red (37%)
- Yellow (87%)
- Blue (61%)



- Cyan (27%)
- Magenta (0%)
- Yellow (57%)
- Black (13%)




- Cyan (36%)
- Magenta (13%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7502, 0.3471, 0.4895 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 60.7502, 0.3471, 0.4895 by changing the saturation by 10% instead.


 60.7502, 0.3471,
0.4895


 60.7502, 0.3471,
0.4895


427.3575, 0.3353,
0.4096


 44.0236, 0.3481,
0.5085


 105.9172, 0.3442,
0.4610

 30.6891, 0.3484,
0.5320


 135.1263, 0.3427,
0.4501

 20.3622, 0.3468,
0.5616

 169.2651, 0.3413,
0.4408

 12.6586, 0.3412,
0.5991

 208.7179, 0.3399,
0.4329

 7.1939, 0.3351,
0.6622

253.8692, 0.3386,
0.4259

 3.5836, 0.2952,
0.7048

305.1033, 0.3374,

 1.4435, 0.1845,

0.4198

0.8155

362.8046, 0.3364,
0.4144

0.2485, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.7502, 0.3471,
0.4895

60.7502, 0.3471,
0.4895

59.3514, 0.3489,
0.5155

62.3612, 0.3434,
0.4609

58.1445, 0.3485,
0.5376


64.1874, 0.3382,
0.4313


57.1180, 0.3458,
0.5545


66.2416, 0.3319,
0.4018


56.2539, 0.3410,
0.5659


68.5331, 0.3250,
0.3735


 56.0345, 0.3396,
0.5686

 71.0708, 0.3179,
0.3469

 73.8628, 0.3107,
0.3224

 76.9170, 0.3038,
0.3001

 79.0545, 0.3080,
0.2964

 80.7319, 0.3142,
0.2970

Harmonies

Analogous

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



60.7502, 0.4231, 0.4664



60.7502, 0.3471, 0.4895



60.7502, 0.2664, 0.4495

Triad

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



60.7502, 0.3471, 0.4895



60.7502, 0.1705, 0.2203



60.7502, 0.4295, 0.2900

Complementary

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



60.7502, 0.3471, 0.4895



20.4332, 0.2511, 0.1666

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.



60.7502, 0.3441, 0.2407



60.7502, 0.3471, 0.4895



60.7502, 0.2001, 0.2011

Square

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



60.7502, 0.3471, 0.4895



60.7502, 0.1706, 0.2729



60.7502, 0.2598, 0.2093



60.7502, 0.4791, 0.3491

Rectangle

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



60.7502, 0.3471, 0.4895



60.7502, 0.2209, 0.3915



60.7502, 0.2598, 0.2093



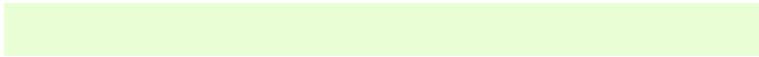
60.7502, 0.4032, 0.2720

Sweetspot

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



60.7529, 0.3471, 0.4895



93.8325, 0.3250, 0.3733



39.5589, 0.4401, 0.3976



19.9422, 0.3264, 0.3789



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.



60.7529, 0.3471, 0.4895



80.8312, 0.3490, 0.5211



55.7433, 0.3063, 0.5117



15.6909, 0.3195, 0.3527



33.3442, 0.3406, 0.5678



2.3644, 0.3520, 0.5587

Inverse Universe

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



20.4332, 0.2511, 0.1666



20.5287, 0.2340, 0.1342



28.3297, 0.3146, 0.1932



13.5596, 0.3054, 0.3053



4.9816, 0.1975, 0.0862



0.3983, 0.2146, 0.0956

Previews

White Background



This preview shows how the Yxy color 60.7502, 0.3471, 0.4895 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 60.7502, 0.3471, 0.4895 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 60.7502, 0.3471, 0.4895

Background



This preview shows how black text looks on a background with the Yxy color 60.7502, 0.3471, 0.4895.



This preview shows how white text looks on a background with the Yxy color 60.7502, 0.3471, 0.4895.

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

60.7502, 0.3471, 0.4895

Protanopia

60.0758, 0.4117, 0.4517

Deuteranopia

60.0721, 0.4309, 0.4207



Tritanopia

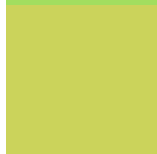
60.2513, 0.2816, 0.3087

Trichromacy



Original Color

60.7502, 0.3471, 0.4895



Protanomaly

60.0404, 0.3870, 0.4665



Deuteranomaly

59.1659, 0.3994, 0.4450



Tritanomaly

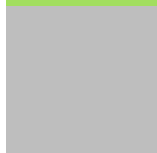
59.6871, 0.3070, 0.3735

Monochromacy



Original Color

60.7502, 0.3471, 0.4895



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.3109, 0.3293, 0.3900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7502, 0.3471, 0.4895 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(162, 222, 95)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 95)  
}
```

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(162, 222, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 95) }
```

Border

The CSS property to change the border of an element to Yxy 60.7502, 0.3471, 0.4895 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(162, 222, 95) }
```

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

```
.border{ border-color:rgb(162, 222, 95) }
```

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

Here you see how a box with a 4 pixel rgb(162, 222, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 95);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7502, 0.3471, 0.4895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 95) }
```

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

```
.background{ background-color: rgb(162,  
222, 95) }
```

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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