

Converting Colors

$Yxy(60.6997, 0.3122, 0.4425)$

Have a look what the booklet for
Yxy(60.6997, 0.3122, 0.4425)
contains.

Yxy(60.7213, 0.3125, 0.4430)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7213, 0.3125, 0.4430)

Conversions

Conversions Part 1

Format	Color
Hex	92DF8A
RGB	146, 223, 138
RGB Percent	57%, 87%, 54%
CMY	0.4273, 0.1255, 0.4588
CMYK	0.35, 0.00, 0.38, 0.13
HSL	114°, 57%, 71%
HSV	114°, 38%, 87%
XYZ	42.8339, 60.7213, 33.5132
YIQ	190.2870, -18.6070, -42.7590

Conversions

Conversions Part 2

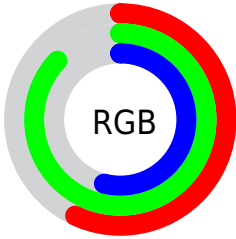
Format	Color
RYB	138, 223, 215
Decimal	9625482
CIELab	82.23, -40.06, 34.32
CIELCh	82, 52.752, 139.408
Yxy	60.7213, 0.3125, 0.4430
Android (android.graphics.Color)	4287815562 (0xFF92DF8A)
YUV	190.2870, -25.7775, -38.8397
Hunter-Lab	77.9239, -38.2473, 29.0475

Details

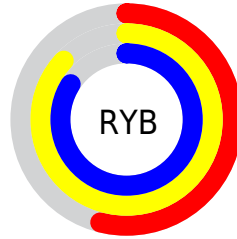
The Yxy color **60.7213, 0.3125, 0.4430** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **37.9546, 0.3096, 0.2330**, and the grayscale version is **51.8317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8823, 0.3155, 0.3982**, and **30.6009, 0.3097, 0.4750** is the 20% darker color. If you saturate the color by 10%, you get **58.4520, 0.3116, 0.4781**, and if you desaturate by 10%, it is **63.4554, 0.3130, 0.4092**.

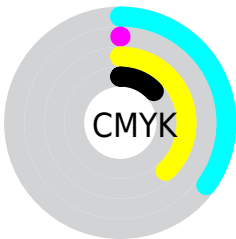
Distribution



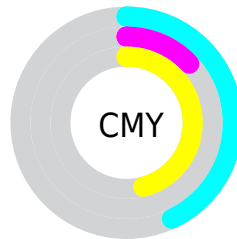
- Red (57%)
- Green (87%)
- Blue (54%)



- Red (54%)
- Yellow (87%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)




- Cyan (43%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7213, 0.3125, 0.4430 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 60.7213, 0.3125, 0.4430 by changing the saturation by 10% instead.

 60.7213, 0.3125,
0.4430

 60.7213, 0.3125,
0.4430

427.2514, 0.3146,
0.3853


 44.0003, 0.3113,
0.4574


 105.8753, 0.3137,
0.4220

 30.6707, 0.3095,
0.4758


 135.0771, 0.3141,
0.4141

 20.3483, 0.3064,
0.5002


 169.2079, 0.3143,
0.4075

 12.6484, 0.3010,
0.5335


208.6521, 0.3144,
0.4018

 7.1869, 0.2907,
0.5812

253.7942, 0.3145,
0.3968

 3.5793, 0.2766,
0.6710

305.0185, 0.3146,

 1.4411, 0.1765,

0.3925

0.8235

362.7094, 0.3146,
0.3887

0.2467, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.7213, 0.3125,
0.4430

60.7213, 0.3125,
0.4430

58.4520, 0.3116,
0.4781

63.4554, 0.3130,
0.4092

56.6143, 0.3103,
0.5125


66.6700, 0.3131,
0.3778

55.1830, 0.3086,
0.5438


70.3894, 0.3130,
0.3495

54.1269, 0.3065,
0.5694


74.6342, 0.3126,
0.3245

 53.4105, 0.3042,
0.5874

 79.4237, 0.3122,
0.3027

 52.9886, 0.3021,
0.5972

 81.2547, 0.3142,
0.2980

 52.9344, 0.3019,
0.5985

Harmonies

Analogous

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



60.7213, 0.3770, 0.4503



60.7213, 0.3125, 0.4430



60.7213, 0.2514, 0.3915

Triad

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



60.7213, 0.3125, 0.4430



60.7213, 0.2056, 0.2319



60.7213, 0.4264, 0.3214

Complementary

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



60.7213, 0.3125, 0.4430



37.9546, 0.3096, 0.2330

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.



60.7213, 0.3702, 0.2754



60.7213, 0.3125, 0.4430



60.7213, 0.2422, 0.2257

Square

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



60.7213, 0.3125, 0.4430



60.7213, 0.1943, 0.2634



60.7213, 0.3011, 0.2415



60.7213, 0.4472, 0.3724

Rectangle

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



60.7213, 0.3125, 0.4430



60.7213, 0.2208, 0.3442



60.7213, 0.3011, 0.2415



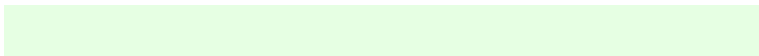
60.7213, 0.4107, 0.3052

Sweetspot

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



60.7239, 0.3125, 0.4430



93.8193, 0.3130, 0.3576



65.8702, 0.3730, 0.4150



19.9311, 0.3130, 0.3614



0.0000, 0.0000, 0.0000



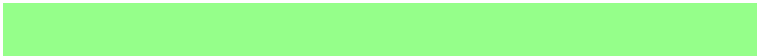
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7239, 0.3125, 0.4430



79.7133, 0.3118, 0.4719



61.1584, 0.2878, 0.3972



15.3987, 0.3130, 0.3531



31.1465, 0.3023, 0.5982



2.1804, 0.3083, 0.5934

Inverse Universe

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



37.9546, 0.3096, 0.2330



44.5334, 0.3085, 0.2134



37.5441, 0.3502, 0.2699



13.8665, 0.3123, 0.3058



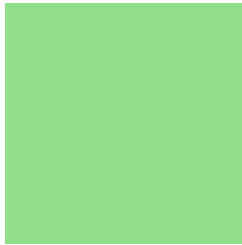
10.5404, 0.2974, 0.1412



0.7500, 0.3012, 0.1433

Previews

White Background



This preview shows how the Yxy color 60.7213, 0.3125, 0.4430 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 60.7213, 0.3125, 0.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

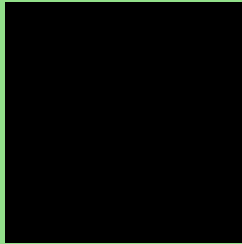
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7213, 0.3125, 0.4430

Background



This preview shows how black text looks on a background with the Yxy color 60.7213, 0.3125, 0.4430.



This preview shows how white text looks on a background with the Yxy color 60.7213, 0.3125, 0.4430.

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

60.7213, 0.3125, 0.4430

Protanopia

60.3270, 0.3821, 0.4135

Deuteranopia

59.9211, 0.3926, 0.3846



Tritanopia

60.5306, 0.2689, 0.3083

Trichromacy



Original Color

60.7213, 0.3125, 0.4430



Protanomaly

59.7513, 0.3540, 0.4249



Deuteranomaly

58.8810, 0.3604, 0.4046



Tritanomaly

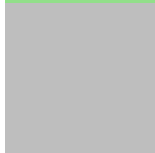
60.2654, 0.2849, 0.3545

Monochromacy



Original Color

60.7213, 0.3125, 0.4430



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.1800, 0.3131, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7213, 0.3125, 0.4430 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(146, 223, 138)` looks like.

```
.text, #text, p{  
    color:rgb(146, 223, 138)  
}
```

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(146, 223, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 223, 138) }
```

Border

The CSS property to change the border of an element to Yxy 60.7213, 0.3125, 0.4430 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(146, 223, 138) }
```

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

```
.border{ border-color:rgb(146, 223, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 223, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 223, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 223, 138);  
box-shadow:4px 4px 4px 4px rgb(146, 223,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7213, 0.3125, 0.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 223, 138) }
```

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

```
.background{ background-color: rgb(146,  
223, 138) }
```

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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