

Converting Colors

$Yxy(73.4672, 0.3197, 0.4450)$

Have a look what the booklet for
Yxy(73.4672, 0.3197, 0.4450)
contains.

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Color

Yxy(73.2327, 0.3194, 0.4442)

Conversions

Conversions Part 1

Format	Color
Hex	A7F193
RGB	167, 241, 147
RGB Percent	65%, 95%, 58%
CMY	0.3451, 0.0549, 0.4234
CMYK	0.31, 0.00, 0.39, 0.05
HSL	107°, 77%, 76%
HSV	107°, 39%, 95%
XYZ	52.6576, 73.2327, 38.9739
YIQ	208.1580, -13.9300, -44.9220

Conversions

Conversions Part 2

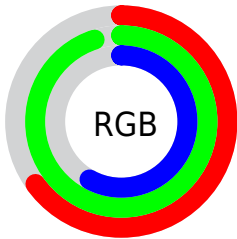
Format	Color
RYB	147, 241, 221
Decimal	11006355
CIELab	88.56, -40.03, 38.27
CIElCh	89, 55.378, 136.287
Yxy	73.2327, 0.3194, 0.4442
Android (android.graphics.Color)	4289196435 (0xFFA7F193)
YUV	208.1580, -30.1509, -36.0956
Hunter-Lab	85.5761, -39.9216, 32.9008

Details

The Yxy color **73.2327, 0.3194, 0.4442** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **42.6065, 0.2999, 0.2275**, and the grayscale version is **63.3918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6316, 0.3238, 0.3845**, and **38.5519, 0.3183, 0.4739** is the 20% darker color. If you saturate the color by 10%, you get **70.6389, 0.3198, 0.4781**, and if you desaturate by 10%, it is **76.2947, 0.3183, 0.4112**.

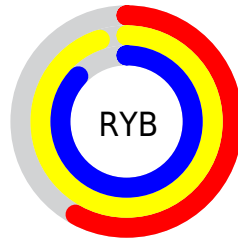
Distribution



Red (65%)

Green (95%)

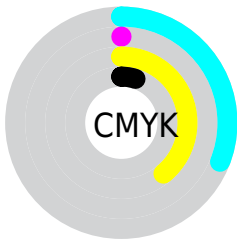
Blue (58%)



Red (58%)

Yellow (95%)

Blue (87%)

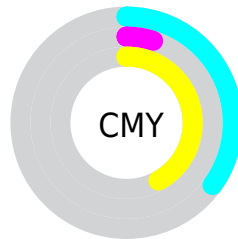


Cyan (31%)

Magenta (0%)

Yellow (39%)

Black (5%)



Cyan (35%)


Magenta (5%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2327, 0.3194, 0.4442 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 73.2327, 0.3194, 0.4442 by changing the saturation by 10% instead.

 73.2327, 0.3194,
0.4442

 73.2327, 0.3194,
0.4442


471.8209, 0.3184,
0.3879

 54.1663, 0.3190,
0.4577


 123.8075, 0.3195,
0.4242

 38.7346, 0.3182,
0.4746


 156.0847, 0.3194,
0.4165

 26.5533, 0.3165,
0.4963


193.5342, 0.3193,
0.4100

 17.2380, 0.3133,
0.5252

236.5404, 0.3191,
0.4043

 10.4044, 0.3068,
0.5649

285.4878, 0.3189,
0.3994

 5.6679, 0.2934,
0.6224


340.7608, 0.3188,

 2.6442, 0.2710,


0.3951


0.7290


402.7437, 0.3186,
0.3913


 0.9489, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 73.2327, 0.3194,
0.4442

 73.2327, 0.3194,
0.4442

 70.6389, 0.3198,
0.4781

 76.2947, 0.3183,
0.4112


 68.4808, 0.3192,
0.5112

 79.8369, 0.3166,
0.3802

 66.7362, 0.3175,
0.5412

 83.8827, 0.3147,
0.3519

 65.3772, 0.3148,
0.5659

 88.4509, 0.3125,
0.3266

■ 64.3719, 0.3112,
0.5835

■ 91.3942, 0.3133,
0.3156

■ 63.6791, 0.3072,
0.5938

■ 63.6229, 0.3068,
0.5946

Harmonies

Analogous

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



73.2327, 0.3824, 0.4470



73.2327, 0.3194, 0.4442



73.2327, 0.2579, 0.3973

Triad

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



73.2327, 0.3194, 0.4442



73.2327, 0.2045, 0.2351



73.2327, 0.4204, 0.3166

Complementary

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



73.2327, 0.3194, 0.4442



42.6065, 0.2999, 0.2275

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.



73.2327, 0.3625, 0.2719



73.2327, 0.3194, 0.4442



73.2327, 0.2383, 0.2264

Square

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



73.2327, 0.3194, 0.4442



73.2327, 0.1960, 0.2691



73.2327, 0.2944, 0.2400



73.2327, 0.4452, 0.3668

Rectangle

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



73.2327, 0.3194, 0.4442



73.2327, 0.2260, 0.3514



73.2327, 0.2944, 0.2400



73.2327, 0.4038, 0.3007

Sweetspot

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



73.2358, 0.3194, 0.4442



93.8957, 0.3153, 0.3602



72.3344, 0.3788, 0.4071



19.9664, 0.3156, 0.3638



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.



73.2358, 0.3194, 0.4442



80.8096, 0.3198, 0.4719



72.1624, 0.2931, 0.4139



17.8181, 0.3148, 0.3532



34.5463, 0.3076, 0.5939



2.9156, 0.3161, 0.5872

Inverse Universe

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



42.6065, 0.2999, 0.2275



41.3376, 0.2961, 0.2067



44.4522, 0.3411, 0.2574



15.8521, 0.3104, 0.3055



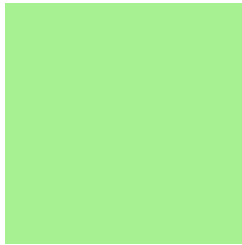
9.4278, 0.2677, 0.1248



0.8261, 0.2750, 0.1289

Previews

White Background



This preview shows how the Yxy color 73.2327, 0.3194, 0.4442 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 73.2327, 0.3194, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

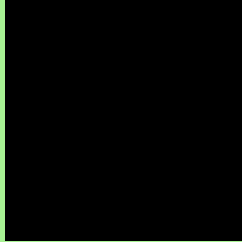
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2327, 0.3194, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 73.2327, 0.3194, 0.4442.



This preview shows how white text looks on a background with the Yxy color 73.2327, 0.3194, 0.4442.

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

73.2327, 0.3194, 0.4442

Protanopia

72.2778, 0.3840, 0.4156

Deuteranopia

72.3317, 0.3745, 0.3724



Tritanopia

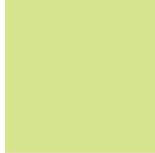
72.9444, 0.2734, 0.3088

Trichromacy



Original Color

73.2327, 0.3194, 0.4442



Protanomaly

71.7359, 0.3585, 0.4261



Deuteranomaly

71.6436, 0.3530, 0.3970



Tritanomaly

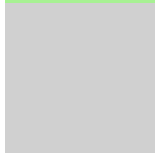
72.4460, 0.2902, 0.3548

Monochromacy



Original Color

73.2327, 0.3194, 0.4442



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

66.0690, 0.3158, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2327, 0.3194, 0.4442 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(167, 241, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 147)  
}
```

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(167, 241, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 147) }
```

Border

The CSS property to change the border of an element to Yxy 73.2327, 0.3194, 0.4442 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(167, 241, 147) }
```

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

```
.border{ border-color:rgb(167, 241, 147) }
```

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

Here you see how a box with a 4 pixel rgb(167, 241, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 147);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2327, 0.3194, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 147) }
```

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

```
.background{ background-color: rgb(167,  
241, 147) }
```

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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