

Converting Colors

Yxy(61.9094, 0.2947, 0.4008)

Have a look what the booklet for
Yxy(61.9094, 0.2947, 0.4008)
contains.

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Color

Yxy(61.7509, 0.2944, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	92DFA9
RGB	146, 223, 169
RGB Percent	57%, 87%, 66%
CMY	0.4275, 0.1255, 0.3372
CMYK	0.35, 0.00, 0.24, 0.13
HSL	138°, 55%, 72%
HSV	138°, 35%, 87%
XYZ	45.4033, 61.7509, 47.0689
YIQ	193.8210, -28.5580, -33.1180

Conversions

Conversions Part 2

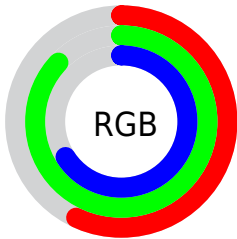
Format	Color
RYB	146, 205, 223
Decimal	9625513
CIELab	82.78, -34.92, 19.09
CIElCh	83, 39.797, 151.339
Yxy	61.7509, 0.2944, 0.4004
Android (android.graphics.Color)	4287815593 (0xFF92DFA9)
YUV	193.8210, -12.2368, -41.9390
Hunter-Lab	78.5817, -34.3836, 19.4937

Details

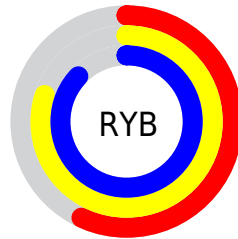
The Yxy color **61.7509, 0.2944, 0.4004** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.4142, 0.3380, 0.2671**, and the grayscale version is **53.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4584, 0.2979, 0.3623**, and **31.1971, 0.2884, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **59.3527, 0.2901, 0.4257**, and if you desaturate by 10%, it is **64.6231, 0.2994, 0.3770**.

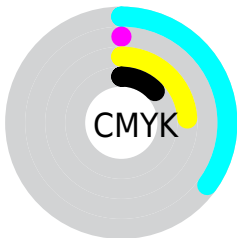
Distribution



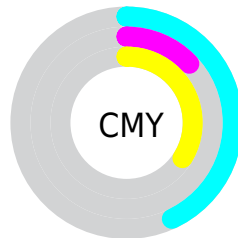
- Red (57%)
- Green (87%)
- Blue (66%)



- Red (57%)
- Yellow (80%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (43%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7509, 0.2944, 0.4004 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 61.7509, 0.2944, 0.4004 by changing the saturation by 10% instead.

 61.7509, 0.2944,
0.4004

 61.7509, 0.2944,
0.4004

431.0219, 0.3039,
0.3648

 44.8315, 0.2919,
0.4093


 107.3654, 0.2979,
0.3875

 31.3247, 0.2887,
0.4206


 136.8293, 0.2993,
0.3826

 20.8462, 0.2843,
0.4356


171.2434, 0.3004,
0.3785

 13.0116, 0.2780,
0.4563

210.9922, 0.3013,
0.3750

 7.4366, 0.2683,
0.4868

256.4601, 0.3021,
0.3719

 3.7366, 0.2519,
0.5354

308.0314, 0.3028,

 1.5273, 0.2212,

0.3692

0.6862

366.0905, 0.3034,
0.3669

0.3078, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.7509, 0.2944,
0.4004

61.7509, 0.2944,
0.4004

59.3527, 0.2901,
0.4257

64.6231, 0.2994,
0.3770

57.3950, 0.2867,
0.4524


67.9852, 0.3047,
0.3558


55.8520, 0.2845,
0.4795

71.8620, 0.3102,
0.3368

54.6922, 0.2839,
0.5060


76.2742, 0.3157,
0.3201

 53.8790, 0.2850,
0.5305

 80.7647, 0.3193,
0.3054

 53.3683, 0.2876,
0.5518

 81.2578, 0.3142,
0.2980

 53.1790, 0.2894,
0.5619

Harmonies

Analogous

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



61.7509, 0.3444, 0.4207



61.7509, 0.2944, 0.4004



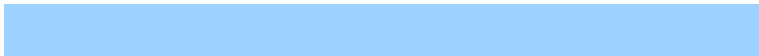
61.7509, 0.2516, 0.3553

Triad

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



61.7509, 0.2944, 0.4004



61.7509, 0.2391, 0.2500



61.7509, 0.4078, 0.3407

Complementary

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



61.7509, 0.2944, 0.4004



40.4142, 0.3380, 0.2671

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.



61.7509, 0.3750, 0.3018



61.7509, 0.2944, 0.4004



61.7509, 0.2757, 0.2515

Square

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



61.7509, 0.2944, 0.4004



61.7509, 0.2218, 0.2678



61.7509, 0.3253, 0.2702



61.7509, 0.4120, 0.3801

Rectangle

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



61.7509, 0.2944, 0.4004



61.7509, 0.2322, 0.3211



61.7509, 0.3253, 0.2702



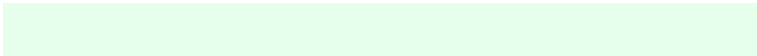
61.7509, 0.3997, 0.3273

Sweetspot

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



61.7535, 0.2944, 0.4004



94.3820, 0.3072, 0.3471



67.2961, 0.3477, 0.4199



20.0451, 0.3064, 0.3498



0.0000, 0.0000, 0.0000



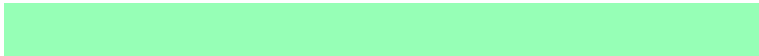
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7535, 0.2944, 0.4004



81.4120, 0.2914, 0.4174



63.3601, 0.2730, 0.3501



15.4044, 0.3075, 0.3459



31.2844, 0.2887, 0.5592



2.1839, 0.2800, 0.5281

Inverse Universe

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



40.4142, 0.3380, 0.2671



48.5847, 0.3446, 0.2551



38.8777, 0.3763, 0.3093



13.8622, 0.3183, 0.3127



10.6632, 0.4138, 0.2053



0.7547, 0.3961, 0.1956

Previews

White Background



This preview shows how the Yxy color 61.7509, 0.2944, 0.4004 looks on a white background.

Color Contrast Check

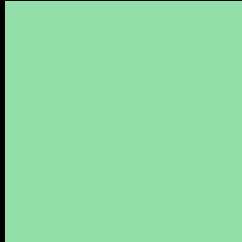
Large Text (above 18pt) WCAG AA × Fail

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 61.7509, 0.2944, 0.4004 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 61.7509, 0.2944, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 61.7509, 0.2944, 0.4004.



This preview shows how white text looks on a background with the Yxy color 61.7509, 0.2944, 0.4004.

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

61.7509, 0.2944, 0.4004

Protanopia

61.2608, 0.3571, 0.3812

Deuteranopia

60.8214, 0.3626, 0.3546



Tritanopia

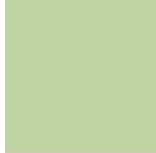
61.7980, 0.2652, 0.3083

Trichromacy



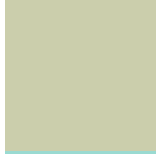
Original Color

61.7509, 0.2944, 0.4004



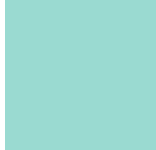
Protanomaly

60.9378, 0.3316, 0.3894



Deuteranomaly

59.8177, 0.3349, 0.3700



Tritanomaly

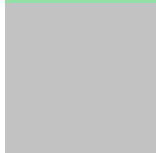
61.6163, 0.2756, 0.3402

Monochromacy



Original Color

61.7509, 0.2944, 0.4004



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.5125, 0.3055, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7509, 0.2944, 0.4004 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(146, 223, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 223, 169) }
```

Border

The CSS property to change the border of an element to Yxy 61.7509, 0.2944, 0.4004 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, 169) }
```

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

```
.border{ border-color:rgb(146, 223, 169) }
```

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, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 223, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 223, 169);  
box-shadow:4px 4px 4px 4px rgb(146, 223,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7509, 0.2944, 0.4004 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, 169) }
```

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

```
.background{ background-color: rgb(146,  
223, 169) }
```

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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