

Converting Colors

$Yxy(47.0912, 0.2779, 0.3106)$

Have a look what the booklet for
Yxy(47.0912, 0.2779, 0.3106)
contains.

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Color

Yxy(47.2514, 0.2785, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	9CBCC9
RGB	156, 188, 201
RGB Percent	61%, 74%, 79%
CMY	0.3884, 0.2627, 0.2117
CMYK	0.22, 0.06, 0.00, 0.21
HSL	197°, 29%, 70%
HSV	197°, 22%, 79%
XYZ	42.2321, 47.2514, 62.1577
YIQ	179.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

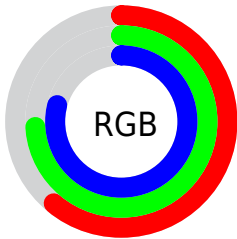
Format	Color
RYB	156, 175, 201
Decimal	10271945
CIELab	74.35, -7.90, -10.13
CIELCh	74, 12.852, 232.054
Yxy	47.2514, 0.2785, 0.3116
Android (android.graphics.Color)	4288462025 (0xFF9CBCC9)
YUV	179.9140, 10.3954, -20.9726
Hunter-Lab	68.7397, -10.6281, -5.4951

Details

The Yxy color **47.2514, 0.2785, 0.3116** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1818, 0.3545, 0.3458**, and the grayscale version is **45.5441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7703, 0.2860, 0.3175**, and **22.3776, 0.2694, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **42.9825, 0.2637, 0.3027**, and if you desaturate by 10%, it is **51.9556, 0.2937, 0.3198**.

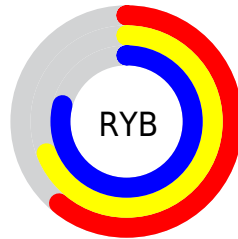
Distribution



Red (61%)

Green (74%)

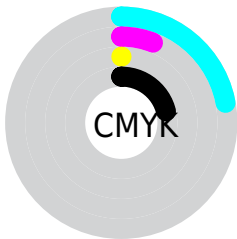
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

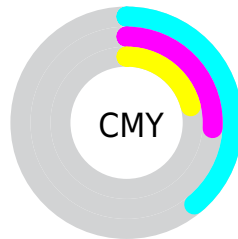


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2514, 0.2785, 0.3116 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 47.2514, 0.2785, 0.3116 by changing the saturation by 10% instead.

■ 47.2514, 0.2785,
0.3116

■ 47.2514, 0.2785,
0.3116

375.8171, 0.2954,
0.3205

■ 33.2344, 0.2744,
0.3094

■ 86.0888, 0.2846,
0.3148

■ 22.3061, 0.2691,
0.3064

■ 111.6780, 0.2869,
0.3161

■ 14.0820, 0.2621,
0.3025

141.8933, 0.2888,
0.3171

■ 8.1777, 0.2526,
0.2970

177.1193, 0.2905,
0.3179

■ 4.2089, 0.2387,
0.2887

217.7403, 0.2920,
0.3187

■ 1.7911, 0.2166,
0.2747

264.1407, 0.2932,

■ 0.4816, 0.1321,

0.3194

0.2402

316.7048, 0.2944,
0.3199

0.0000, 0.0000,
0.0000

47.2514, 0.2785,
0.3116

47.2514, 0.2785,
0.3116

42.9825, 0.2637,
0.3027

51.9556, 0.2937,
0.3198

39.1257, 0.2496,
0.2931

57.1055, 0.3090,
0.3273

35.6640, 0.2366,
0.2829

62.7187, 0.3242,
0.3340

32.5768, 0.2250,
0.2723

68.8095, 0.3391,
0.3401

29.8411, 0.2151,
0.2615

75.1113, 0.3523,
0.3454

■ 27.4307, 0.2071,
0.2506

■ 78.1550, 0.3511,
0.3512

■ 25.3145, 0.2012,
0.2398

■ 81.3048, 0.3499,
0.3570

■ 23.8621, 0.1977,
0.2316

■ 84.5619, 0.3488,
0.3626

■ 87.9272, 0.3476,
0.3682

Harmonies

Analogous

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



47.2514, 0.2831, 0.3269



47.2514, 0.2785, 0.3116



47.2514, 0.2828, 0.3016

Triad

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



47.2514, 0.2785, 0.3116



47.2514, 0.3299, 0.3151



47.2514, 0.3301, 0.3606

Complementary

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



47.2514, 0.2785, 0.3116



43.1818, 0.3545, 0.3458

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.



47.2514, 0.3433, 0.3563



47.2514, 0.2785, 0.3116



47.2514, 0.3432, 0.3299

Square

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



47.2514, 0.2785, 0.3116



47.2514, 0.3121, 0.3040



47.2514, 0.3482, 0.3449



47.2514, 0.3126, 0.3559

Rectangle

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



47.2514, 0.2785, 0.3116



47.2514, 0.2901, 0.2990



47.2514, 0.3482, 0.3449



47.2514, 0.3352, 0.3601

Sweetspot

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



47.2533, 0.2785, 0.3116



93.5275, 0.3019, 0.3239



51.6968, 0.3011, 0.3730



19.9032, 0.3009, 0.3234



0.0000, 0.0000, 0.0000



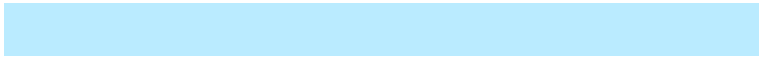
21.4041, 0.3127, 0.3290

Same Dimension

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



47.2533, 0.2785, 0.3116



77.1692, 0.2711, 0.3072



38.4558, 0.2762, 0.2807



11.5304, 0.2984, 0.3222



15.1657, 0.1981, 0.2332



0.8379, 0.2043, 0.2555

Inverse Universe

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



39.8166, 0.3270, 0.2890



62.4467, 0.3309, 0.2798



52.1889, 0.3486, 0.3730



10.7624, 0.3181, 0.3127



9.0710, 0.4093, 0.2029



0.4416, 0.3868, 0.1904

Previews

White Background



This preview shows how the Yxy color 47.2514, 0.2785, 0.3116 looks on a white background.

Color Contrast Check

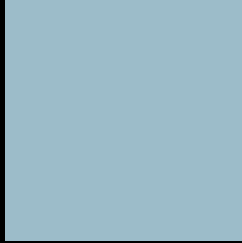
Large Text (above 18pt) WCAG AA × Fail

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 47.2514, 0.2785, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

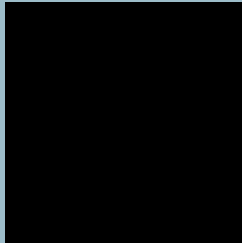
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

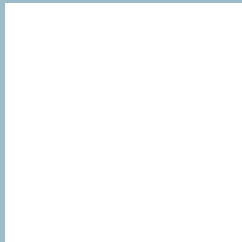
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2514, 0.2785, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 47.2514, 0.2785, 0.3116.



This preview shows how white text looks on a background with the Yxy color 47.2514, 0.2785, 0.3116.

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

47.2514, 0.2785, 0.3116

Protanopia

46.9027, 0.3003, 0.3085

Deuteranopia

47.2290, 0.3040, 0.2980



Tritanopia

47.3462, 0.2772, 0.3090

Trichromacy



Original Color

47.2514, 0.2785, 0.3116

Protanomaly

47.1289, 0.2924, 0.3108

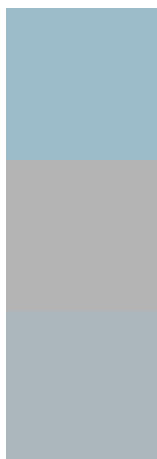
Deuteranomaly

47.1851, 0.2942, 0.3034

Tritanomaly

47.2986, 0.2779, 0.3103

Monochromacy



Original Color

47.2514, 0.2785, 0.3116

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.1557, 0.2989, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2514, 0.2785, 0.3116 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(156, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 188, 201)  
}
```

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(156, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 188, 201) }
```

Border

The CSS property to change the border of an element to Yxy 47.2514, 0.2785, 0.3116 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(156, 188, 201) }
```

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

```
.border{ border-color:rgb(156, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 188,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2514, 0.2785, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 188, 201) }
```

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

```
.background{ background-color: rgb(156,  
188, 201) }
```

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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