

Converting Colors

$Y_{xy}(48.6056, 0.2782, 0.3093)$

Have a look what the booklet for
Yxy(48.6056, 0.2782, 0.3093)
contains.

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Color

Yxy(48.6056, 0.2782, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	9FBECD
RGB	159, 190, 205
RGB Percent	62%, 75%, 80%
CMY	0.3767, 0.2548, 0.1961
CMYK	0.22, 0.07, 0.00, 0.20
HSL	199°, 32%, 71%
HSV	199°, 22%, 80%
XYZ	43.7183, 48.6056, 64.8232
YIQ	182.4410, -23.2910, -1.9070

Conversions

Conversions Part 2

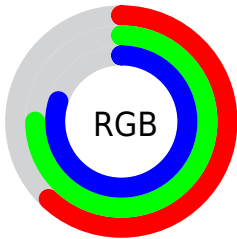
Format	Color
R _Y B	159, 178, 205
Decimal	10469069
CIE Lab	75.21, -7.16, -11.00
CIE LCh	75, 13.126, 236.923
Yxy	48.6056, 0.2782, 0.3093
Android (android.graphics.Color)	4288659149 (0xFF9FBECD)
YUV	182.4410, 11.1216, -20.5578
Hunter-Lab	69.7177, -10.0729, -6.3251

Details

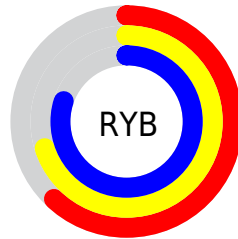
The Yxy color **48.6056, 0.2782, 0.3093** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7061, 0.3542, 0.3479**, and the grayscale version is **46.9736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4277, 0.2879, 0.3197**, and **23.2515, 0.2691, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **43.8648, 0.2631, 0.2992**, and if you desaturate by 10%, it is **53.8296, 0.2936, 0.3186**.

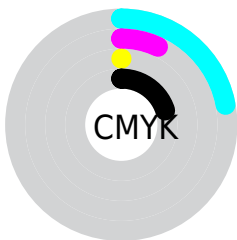
Distribution



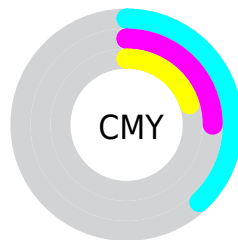
- Red (62%)
- Green (75%)
- Blue (80%)



- Red (62%)
- Yellow (70%)
- Blue (80%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6056, 0.2782, 0.3093 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 48.6056, 0.2782, 0.3093 by changing the saturation by 10% instead.

■ 48.6056, 0.2782,
0.3093

■ 48.6056, 0.2782,
0.3093

■ 381.1876, 0.2952,
0.3192

■ 34.3067, 0.2741,
0.3068

■ 88.1054, 0.2843,
0.3129

■ 23.1293, 0.2688,
0.3036

■ 114.0751, 0.2866,
0.3143

■ 14.6890, 0.2619,
0.2993

■ 144.7039, 0.2886,
0.3154

■ 8.6014, 0.2525,
0.2933

■ 180.3761, 0.2902,
0.3164

■ 4.4821, 0.2389,
0.2843

■ 221.4762, 0.2917,
0.3173

■ 1.9468, 0.2175,
0.2696

■ 268.3886, 0.2930,

■ 0.5763, 0.1545,

0.3180

0.2388

321.4976, 0.2941,
0.3187

0.0000, 0.0000,
0.0000

48.6056, 0.2782,
0.3093

48.6056, 0.2782,
0.3093

43.8648, 0.2631,
0.2992

53.8296, 0.2936,
0.3186

39.5823, 0.2487,
0.2883

59.5485, 0.3090,
0.3271

35.7399, 0.2352,
0.2767

65.7809, 0.3241,
0.3346

32.3153, 0.2231,
0.2647

72.5425, 0.3388,
0.3414

29.2838, 0.2127,
0.2523

78.6104, 0.3482,
0.3477

■ 26.6172, 0.2042,
0.2399

■ 82.2452, 0.3469,
0.3542

■ 24.2822, 0.1978,
0.2276

■ 86.0216, 0.3457,
0.3607

■ 22.6989, 0.1940,
0.2184

■ 89.9411, 0.3445,
0.3671

■ 94.0053, 0.3433,
0.3734

Harmonies

Analogous

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



48.6056, 0.2814, 0.3241



48.6056, 0.2782, 0.3093



48.6056, 0.2839, 0.3003

Triad

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



48.6056, 0.2782, 0.3093



48.6056, 0.3327, 0.3172



48.6056, 0.3276, 0.3608

Complementary

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



48.6056, 0.2782, 0.3093



45.7061, 0.3542, 0.3479

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.



48.6056, 0.3420, 0.3579



48.6056, 0.2782, 0.3093



48.6056, 0.3451, 0.3325

Square

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



48.6056, 0.2782, 0.3093



48.6056, 0.3151, 0.3052



48.6056, 0.3485, 0.3473



48.6056, 0.3096, 0.3547

Rectangle

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



48.6056, 0.2782, 0.3093



48.6056, 0.2921, 0.2985



48.6056, 0.3485, 0.3473



48.6056, 0.3331, 0.3608

Sweetspot

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



48.6076, 0.2782, 0.3093



93.1267, 0.3019, 0.3233



54.0548, 0.3000, 0.3710



19.8103, 0.3009, 0.3227



0.0000, 0.0000, 0.0000



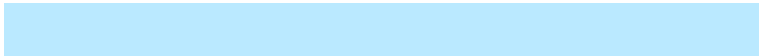
21.4041, 0.3127, 0.3290

Same Dimension

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



48.6076, 0.2782, 0.3093



75.7500, 0.2708, 0.3045



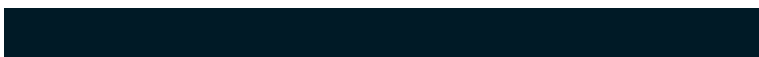
39.5445, 0.2759, 0.2784



12.0888, 0.2983, 0.3213



14.3128, 0.1945, 0.2202



0.8727, 0.2011, 0.2439

Inverse Universe

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



41.4672, 0.3286, 0.2908



62.3035, 0.3329, 0.2822



55.2009, 0.3484, 0.3750



11.3393, 0.3186, 0.3135



9.2479, 0.4231, 0.2104



0.4906, 0.3983, 0.1968

Previews

White Background



This preview shows how the Yxy color 48.6056, 0.2782, 0.3093 looks on a white background.

Color Contrast Check

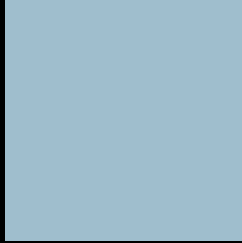
Large Text (above 18pt) WCAG AA × Fail

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 48.6056, 0.2782, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

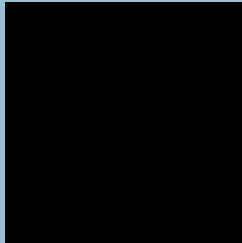
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6056, 0.2782, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 48.6056, 0.2782, 0.3093.



This preview shows how white text looks on a background with the Yxy color 48.6056, 0.2782, 0.3093.

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

48.6056, 0.2782, 0.3093

Protanopia

48.5653, 0.2990, 0.3075

Deuteranopia

48.3540, 0.3018, 0.2958



Tritanopia

48.6056, 0.2782, 0.3093

Trichromacy



Original Color

48.6056, 0.2782, 0.3093

Protanomaly

48.3807, 0.2912, 0.3084

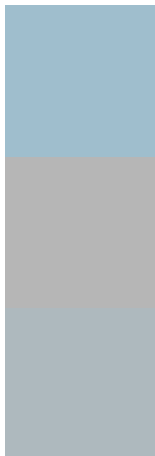
Deuteranomaly

48.4405, 0.2929, 0.3012

Tritanomaly

48.6056, 0.2782, 0.3093

Monochromacy



Original Color

48.6056, 0.2782, 0.3093

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4143, 0.2999, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6056, 0.2782, 0.3093 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(159, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 190, 205)  
}
```

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(159, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 190, 205) }
```

Border

The CSS property to change the border of an element to Yxy 48.6056, 0.2782, 0.3093 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(159, 190, 205) }
```

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

```
.border{ border-color:rgb(159, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 190, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 190, 205); box-shadow:4px 4px 4px 4px rgb(159, 190, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6056, 0.2782, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 190, 205) }
```

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

```
.background{ background-color: rgb(159,  
190, 205) }
```

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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