

Converting Colors

Yxy(46.4721, 0.2840, 0.3088)

Have a look what the booklet for
Yxy(46.4721, 0.2840, 0.3088)
contains.

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Color

Yxy(46.6546, 0.2841, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	A3B9C8
RGB	163, 185, 200
RGB Percent	64%, 73%, 78%
CMY	0.3608, 0.2745, 0.2156
CMYK	0.19, 0.08, 0.00, 0.22
HSL	204°, 25%, 71%
HSV	204°, 19%, 78%
XYZ	42.8812, 46.6546, 61.4011
YIQ	180.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

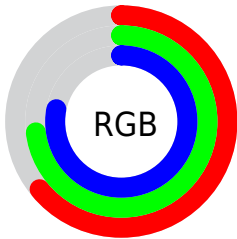
Format	Color
R _Y B	163, 177, 200
Decimal	10729928
CIE Lab	73.97, -4.31, -10.12
CIE LCh	74, 10.998, 246.919
Yxy	46.6546, 0.2841, 0.3091
Android (android.graphics.Color)	4288920008 (0xFFA3B9C8)
YUV	180.1320, 9.7949, -15.0248
Hunter-Lab	68.3042, -7.4705, -5.4850

Details

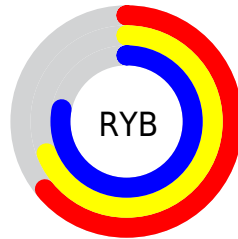
The Yxy color **46.6546, 0.2841, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7788, 0.3450, 0.3481**, and the grayscale version is **45.6720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0360, 0.2901, 0.3145**, and **21.9574, 0.2764, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **41.4094, 0.2684, 0.2968**, and if you desaturate by 10%, it is **52.4315, 0.2997, 0.3203**.

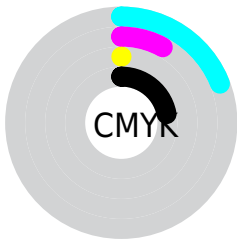
Distribution



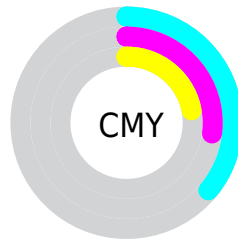
- Red (64%)
- Green (73%)
- Blue (78%)



- Red (64%)
- Yellow (69%)
- Blue (78%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6546, 0.2841, 0.3091 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 46.6546, 0.2841, 0.3091 by changing the saturation by 10% instead.

■ 46.6546, 0.2841,
0.3091

■ 46.6546, 0.2841,
0.3091

373.4341, 0.2983,
0.3191

■ 32.7627, 0.2806,
0.3066

■ 85.1978, 0.2892,
0.3128

■ 21.9447, 0.2761,
0.3033

■ 110.6179, 0.2912,
0.3141

■ 13.8163, 0.2702,
0.2990

140.6495, 0.2928,
0.3153

■ 7.9930, 0.2620,
0.2929

175.6770, 0.2942,
0.3163

■ 4.0905, 0.2500,
0.2838

216.0849, 0.2954,
0.3171

■ 1.7243, 0.2307,
0.2688

262.2574, 0.2965,

■ 0.4393, 0.1598,

0.3179

0.2248

314.5790, 0.2974,
0.3185

0.0000, 0.0000,
0.0000

46.6546, 0.2841,
0.3091

46.6546, 0.2841,
0.3091

41.4094, 0.2684,
0.2968

52.4315, 0.2997,
0.3203

36.6713, 0.2530,
0.2833

58.7520, 0.3150,
0.3304

32.4220, 0.2382,
0.2690

65.6350, 0.3297,
0.3395

28.6396, 0.2244,
0.2539

73.0964, 0.3438,
0.3475

25.3002, 0.2121,
0.2383

79.5990, 0.3512,
0.3550

■ 22.3769, 0.2016,
0.2225

■ 84.1079, 0.3496,
0.3629

■ 19.8387, 0.1932,
0.2069

■ 88.8285, 0.3479,
0.3707

■ 17.6386, 0.1869,
0.1918

■ 93.7635, 0.3463,
0.3783

■ 17.3292, 0.1860,
0.1895

■ 96.9511, 0.3454,
0.3830

Harmonies

Analogous

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



46.6546, 0.2843, 0.3204



46.6546, 0.2841, 0.3091



46.6546, 0.2914, 0.3034

Triad

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



46.6546, 0.2841, 0.3091



46.6546, 0.3339, 0.3232



46.6546, 0.3205, 0.3550

Complementary

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



46.6546, 0.2841, 0.3091



46.7788, 0.3450, 0.3481

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.



46.6546, 0.3341, 0.3552



46.6546, 0.2841, 0.3091



46.6546, 0.3420, 0.3365

Square

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



46.6546, 0.2841, 0.3091



46.6546, 0.3200, 0.3116



46.6546, 0.3421, 0.3482



46.6546, 0.3050, 0.3474

Rectangle

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



46.6546, 0.2841, 0.3091



46.6546, 0.2996, 0.3034



46.6546, 0.3421, 0.3482



46.6546, 0.3254, 0.3559

Sweetspot

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



46.6565, 0.2841, 0.3091



93.3151, 0.3034, 0.3229



52.3126, 0.3001, 0.3585



19.8221, 0.3024, 0.3222



0.0000, 0.0000, 0.0000



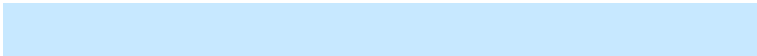
21.4041, 0.3127, 0.3290

Same Dimension

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



46.6565, 0.2841, 0.3091



77.1934, 0.2781, 0.3045



39.4891, 0.2827, 0.2841



11.3176, 0.2983, 0.3194



11.1956, 0.1866, 0.1916



0.6697, 0.1954, 0.2233

Inverse Universe

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



41.9820, 0.3280, 0.3015



67.9003, 0.3318, 0.2955



54.5513, 0.3411, 0.3703



10.7409, 0.3199, 0.3154



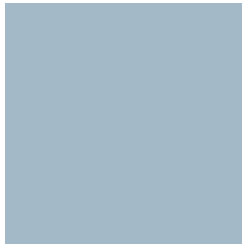
8.6702, 0.4549, 0.2279



0.4246, 0.4197, 0.2086

Previews

White Background



This preview shows how the Yxy color 46.6546, 0.2841, 0.3091 looks on a white background.

Color Contrast Check

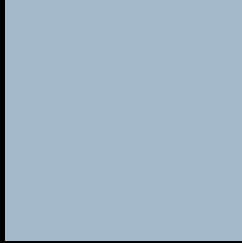
Large Text (above 18pt) WCAG AA × Fail

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 46.6546, 0.2841, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

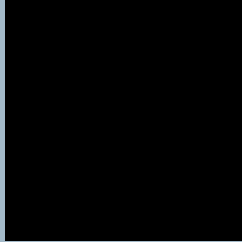
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

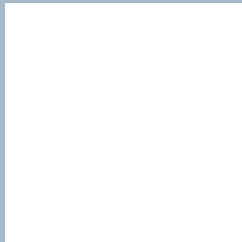
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6546, 0.2841, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 46.6546, 0.2841, 0.3091.



This preview shows how white text looks on a background with the Yxy color 46.6546, 0.2841, 0.3091.

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

46.6546, 0.2841, 0.3091

Protanopia

46.3770, 0.2995, 0.3072

Deuteranopia

46.6557, 0.3040, 0.2978



Tritanopia

46.6546, 0.2841, 0.3091

Trichromacy



Original Color

46.6546, 0.2841, 0.3091

Protanomaly

46.5318, 0.2939, 0.3082

Deuteranomaly

46.5629, 0.2965, 0.3022

Tritanomaly

46.6546, 0.2841, 0.3091

Monochromacy



Original Color

46.6546, 0.2841, 0.3091

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.0424, 0.3021, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6546, 0.2841, 0.3091 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(163, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 200)  
}
```

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(163, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 200) }
```

Border

The CSS property to change the border of an element to Yxy 46.6546, 0.2841, 0.3091 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(163, 185, 200) }
```

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

```
.border{ border-color:rgb(163, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6546, 0.2841, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 200) }
```

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

```
.background{ background-color: rgb(163,  
185, 200) }
```

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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