

Converting Colors

$Yxy(50.6472, 0.2802, 0.3016)$

Have a look what the booklet for
Yxy(50.6472, 0.2802, 0.3016)
contains.

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Color

Yxy(50.5007, 0.2802, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	A9BFD5
RGB	169, 191, 213
RGB Percent	66%, 75%, 84%
CMY	0.3375, 0.2509, 0.1647
CMYK	0.21, 0.10, 0.00, 0.16
HSL	210°, 34%, 75%
HSV	210°, 21%, 84%
XYZ	46.9953, 50.5007, 70.2247
YIQ	186.9300, -20.1740, 2.1780

Conversions

Conversions Part 2

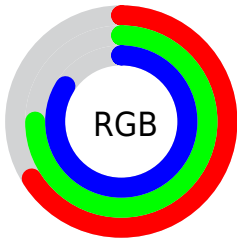
Format	Color
R _Y B	169, 184, 213
Decimal	11124693
CIE Lab	76.38, -2.80, -13.53
CIE LCh	76, 13.816, 258.325
Yxy	50.5007, 0.2802, 0.3011
Android (android.graphics.Color)	4289314773 (0xFFA9BFD5)
YUV	186.9300, 12.8525, -15.7246
Hunter-Lab	71.0638, -6.3176, -8.8452

Details

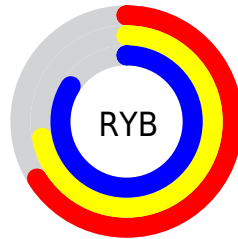
The Yxy color $50.5007, 0.2802, 0.3011$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.2448, 0.3486, 0.3554$, and the grayscale version is $49.5839, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.7491, 0.2945, 0.3209$, and $24.3586, 0.2717, 0.2946$ is the 20% darker color. If you saturate the color by 10%, you get $43.8659, 0.2639, 0.2854$, and if you desaturate by 10%, it is $57.8600, 0.2962, 0.3154$.

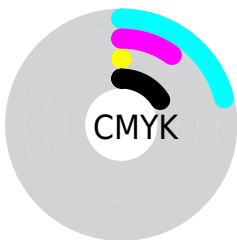
Distribution



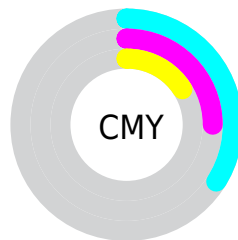
- Red (66%)
- Green (75%)
- Blue (84%)



- Red (66%)
- Yellow (72%)
- Blue (84%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5007, 0.2802, 0.3011 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 50.5007, 0.2802, 0.3011 by changing the saturation by 10% instead.

■ 50.5007, 0.2802,
0.3011

■ 50.5007, 0.2802,
0.3011

■ 388.6208, 0.2961,
0.3149

■ 35.8114, 0.2763,
0.2977

■ 90.9163, 0.2859,
0.3061

■ 24.2886, 0.2715,
0.2934

■ 117.4114, 0.2881,
0.3079

■ 15.5478, 0.2651,
0.2878

■ 148.6105, 0.2899,
0.3095

■ 9.2048, 0.2564,
0.2800

■ 184.8981, 0.2915,
0.3109

■ 4.8750, 0.2439,
0.2688

■ 226.6585, 0.2929,
0.3121

■ 2.1741, 0.2246,
0.2511

■ 274.2762, 0.2941,

■ 0.7058, 0.1863,

0.3131

0.2182

328.1355, 0.2951,
0.3141

0.0000, 0.0000,
0.0000

50.5007, 0.2802,
0.3011

50.5007, 0.2802,
0.3011

43.8659, 0.2639,
0.2854

57.8600, 0.2962,
0.3154

37.9237, 0.2476,
0.2683

65.9618, 0.3117,
0.3282

32.6489, 0.2318,
0.2500

74.8310, 0.3264,
0.3396

28.0116, 0.2169,
0.2309

84.4896, 0.3403,
0.3496

23.9796, 0.2036,
0.2114

90.8708, 0.3392,
0.3599

■ 20.5164, 0.1922,
0.1919

■ 97.4606, 0.3376,
0.3699

■ 17.5801, 0.1833,
0.1731

■ 97.5844, 0.3376,
0.3701

■ 15.2554, 0.1768,
0.1565

Harmonies

Analogous

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



50.5007, 0.2769, 0.3124



50.5007, 0.2802, 0.3011



50.5007, 0.2920, 0.2974

Triad

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



50.5007, 0.2802, 0.3011



50.5007, 0.3435, 0.3279



50.5007, 0.3149, 0.3585

Complementary

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



50.5007, 0.2802, 0.3011



54.2448, 0.3486, 0.3554

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.



50.5007, 0.3331, 0.3622



50.5007, 0.2802, 0.3011



50.5007, 0.3499, 0.3438

Square

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



50.5007, 0.2802, 0.3011



50.5007, 0.3286, 0.3127



50.5007, 0.3461, 0.3565



50.5007, 0.2966, 0.3461

Rectangle

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



50.5007, 0.2802, 0.3011



50.5007, 0.3034, 0.2994



50.5007, 0.3461, 0.3565



50.5007, 0.3213, 0.3608

Sweetspot

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



50.5028, 0.2802, 0.3011



92.4369, 0.3035, 0.3215



59.7494, 0.2962, 0.3578



19.6145, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



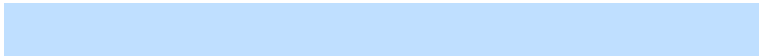
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5028, 0.2802, 0.3011



71.2010, 0.2728, 0.2941



41.8650, 0.2783, 0.2730



13.0262, 0.2982, 0.3171



9.5226, 0.1775, 0.1590



0.7399, 0.1862, 0.1903

Inverse Universe

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



46.2666, 0.3339, 0.3027



63.9682, 0.3397, 0.2966



64.2327, 0.3439, 0.3794



12.5235, 0.3213, 0.3174



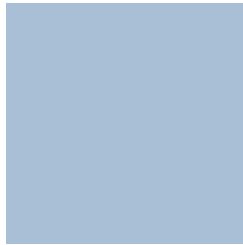
9.3062, 0.4943, 0.2497



0.5780, 0.4564, 0.2288

Previews

White Background



This preview shows how the Yxy color 50.5007, 0.2802, 0.3011 looks on a white background.

Color Contrast Check

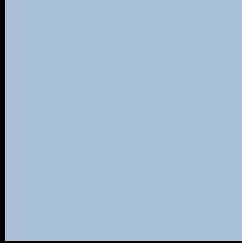
Large Text (above 18pt) WCAG AA × Fail

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 50.5007, 0.2802, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

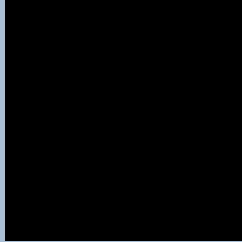
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

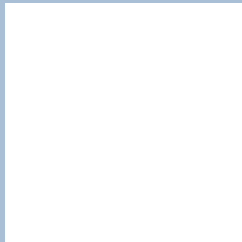
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5007, 0.2802, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 50.5007, 0.2802, 0.3011.



This preview shows how white text looks on a background with the Yxy color 50.5007, 0.2802, 0.3011.

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

50.5007, 0.2802, 0.3011

Protanopia

50.5081, 0.2940, 0.3006

Deuteranopia

50.2426, 0.2974, 0.2905



Tritanopia

50.5291, 0.2836, 0.3097

Trichromacy



Original Color

50.5007, 0.2802, 0.3011

Protanomaly

50.2533, 0.2888, 0.3003

Deuteranomaly

50.2871, 0.2912, 0.2946

Tritanomaly

50.6276, 0.2822, 0.3072

Monochromacy



Original Color

50.5007, 0.2802, 0.3011

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6553, 0.3002, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5007, 0.2802, 0.3011 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(169, 191, 213)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 213)  
}
```

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(169, 191, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.5007, 0.2802, 0.3011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

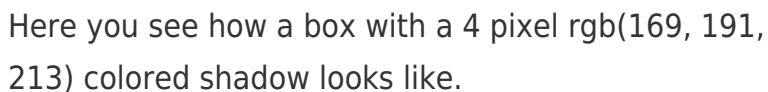
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 191, 213) }
```

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

```
.border{ border-color:rgb(169, 191, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 191, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 191, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 191, 213); box-shadow:4px 4px 4px 4px rgb(169, 191, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5007, 0.2802, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 213) }
```

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

```
.background{ background-color: rgb(169,  
191, 213) }
```

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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