

Converting Colors

Yxy(52.4516, 0.2814, 0.3058)

Have a look what the booklet for
Yxy(52.4516, 0.2814, 0.3058)
contains.

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Color

Yxy(52.4922, 0.2820, 0.3063)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ABC3D5 |
| RGB | 171, 195, 213 |
| RGB Percent | 67%, 76%, 84% |
| CMY | 0.3293, 0.2353, 0.1646 |
| CMYK | 0.20, 0.08, 0.00, 0.16 |
| HSL | 206°, 33%, 75% |
| HSV | 206°, 20%, 84% |
| XYZ | 48.3278, 52.4922, 70.5551 |
| YIQ | 189.8760, -20.0820, 0.5100 |

Conversions

Conversions Part 2

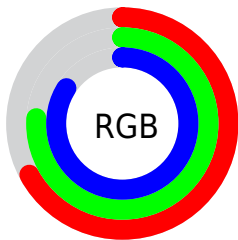
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 186, 213 |
| Decimal | 11256789 |
| CIELab | 77.57, -4.26, -11.73 |
| CIELCh | 78, 12.484, 250.044 |
| Yxy | 52.4922, 0.2820, 0.3063 |
| Android (android.graphics.Color) | 4289446869 (0xFFABC3D5) |
| YUV | 189.8760, 11.4001, -16.5543 |
| Hunter-Lab | 72.4515, -7.7241, -7.0221 |

Details

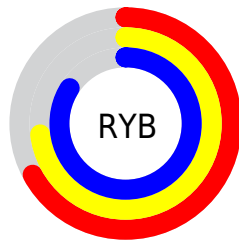
The Yxy color $52.4922, 0.2820, 0.3063$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.5175, 0.3474, 0.3507$, and the grayscale version is $51.3641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1717, 0.2957, 0.3259$, and $25.3699, 0.2740, 0.3000$ is the 20% darker color. If you saturate the color by 10%, you get $46.3161, 0.2661, 0.2930$, and if you desaturate by 10%, it is $59.3094, 0.2978, 0.3184$.

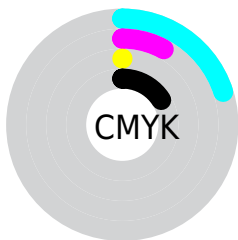
Distribution



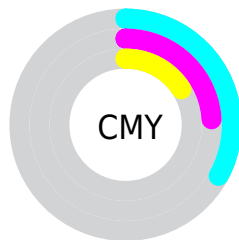
- Red (67%)
- Green (76%)
- Blue (84%)



- Red (67%)
- Yellow (73%)
- Blue (84%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4922, 0.2820, 0.3063 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 52.4922, 0.2820, 0.3063 by changing the saturation by 10% instead.

■ 52.4922, 0.2820,
0.3063

■ 52.4922, 0.2820,
0.3063

396.3338, 0.2969,
0.3175

■ 37.3975, 0.2784,
0.3036

■ 93.8567, 0.2873,
0.3103

■ 25.5154, 0.2739,
0.3001

120.8954, 0.2893,
0.3119

■ 16.4615, 0.2680,
0.2955

152.6842, 0.2911,
0.3131

■ 9.8513, 0.2600,
0.2892

189.6075, 0.2926,
0.3143

■ 5.3005, 0.2485,
0.2801

232.0497, 0.2939,
0.3152

■ 2.4246, 0.2309,
0.2657

280.3953, 0.2950,

■ 0.8385, 0.1987,

0.3161

0.2404

335.0285, 0.2960,
0.3168

0.0000, 0.0000,
0.0000

52.4922, 0.2820,
0.3063

52.4922, 0.2820,
0.3063

46.3161, 0.2661,
0.2930

59.3094, 0.2978,
0.3184

40.7517, 0.2505,
0.2785

66.7829, 0.3131,
0.3293

35.7767, 0.2354,
0.2631

74.9351, 0.3280,
0.3390

31.3645, 0.2214,
0.2469

83.5485, 0.3412,
0.3477

27.4860, 0.2090,
0.2302

88.8222, 0.3397,
0.3566

■ 24.1085, 0.1984,
0.2134

■ 94.3679, 0.3383,
0.3653

■ 21.1938, 0.1900,
0.1969

■ 97.5856, 0.3375,
0.3700

■ 18.6792, 0.1837,
0.1810

■ 18.6114, 0.1835,
0.1805

Harmonies

Analogous

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



52.4922, 0.2813, 0.3180



52.4922, 0.2820, 0.3063



52.4922, 0.2907, 0.3009

Triad

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



52.4922, 0.2820, 0.3063



52.4922, 0.3371, 0.3241



52.4922, 0.3194, 0.3570

Complementary

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



52.4922, 0.2820, 0.3063



53.5175, 0.3474, 0.3507

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.



52.4922, 0.3348, 0.3580



52.4922, 0.2820, 0.3063



52.4922, 0.3452, 0.3385

Square

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



52.4922, 0.2820, 0.3063



52.4922, 0.3224, 0.3112



52.4922, 0.3443, 0.3510



52.4922, 0.3026, 0.3479

Rectangle

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



52.4922, 0.2820, 0.3063



52.4922, 0.3000, 0.3014



52.4922, 0.3443, 0.3510



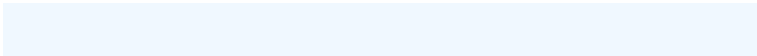
52.4922, 0.3249, 0.3583

Sweetspot

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



52.4943, 0.2820, 0.3063



93.0916, 0.3034, 0.3225



59.9193, 0.2988, 0.3599



19.7693, 0.3024, 0.3218



0.0000, 0.0000, 0.0000



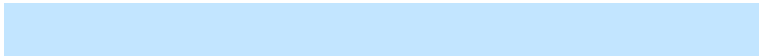
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4943, 0.2820, 0.3063



74.5442, 0.2748, 0.3004



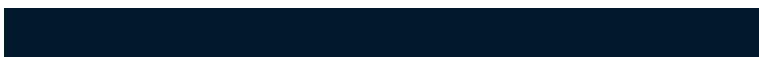
43.9455, 0.2804, 0.2797



13.1730, 0.2982, 0.3187



11.5716, 0.1841, 0.1828



0.8609, 0.1918, 0.2105

Inverse Universe

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



47.2286, 0.3301, 0.3006



65.3959, 0.3351, 0.2938



62.9540, 0.3430, 0.3740



12.5384, 0.3203, 0.3158



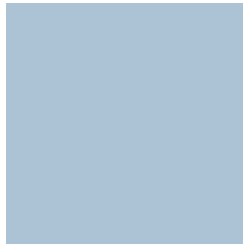
9.5130, 0.4652, 0.2336



0.5902, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 52.4922, 0.2820, 0.3063 looks on a white background.

Color Contrast Check

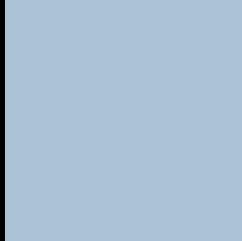
Large Text (above 18pt) WCAG AA × Fail

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 52.4922, 0.2820, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

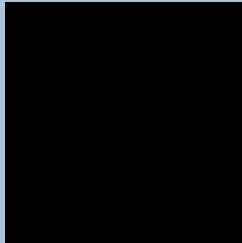
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

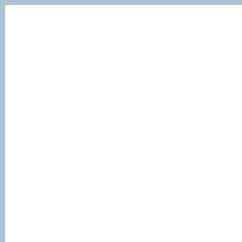
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4922, 0.2820, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 52.4922, 0.2820, 0.3063.



This preview shows how white text looks on a background with the Yxy color 52.4922, 0.2820, 0.3063.

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

52.4922, 0.2820, 0.3063

Protanopia

52.2989, 0.2972, 0.3046

Deuteranopia

52.1662, 0.3014, 0.2946



Tritanopia

52.3913, 0.2833, 0.3088

Trichromacy



Original Color

52.4922, 0.2820, 0.3063

Protanomaly

52.3475, 0.2912, 0.3055

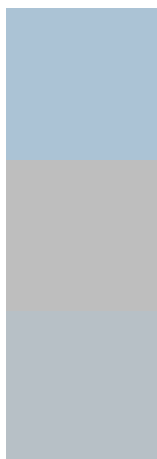
Deuteranomaly

52.0690, 0.2944, 0.2986

Tritanomaly

52.4416, 0.2827, 0.3076

Monochromacy



Original Color

52.4922, 0.2820, 0.3063

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8438, 0.3011, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4922, 0.2820, 0.3063 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(171, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 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(171, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 213) }
```

Border

The CSS property to change the border of an element to Yxy 52.4922, 0.2820, 0.3063 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(171, 195, 213) }
```

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

```
.border{ border-color:rgb(171, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4922, 0.2820, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 213) }
```

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

```
.background{ background-color: rgb(171,  
195, 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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