

Converting Colors

$Y_{xy}(45.0524, 0.2920, 0.3179)$

Have a look what the booklet for
Yxy(45.0524, 0.2920, 0.3179)
contains.

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Color

Yxy(45.0661, 0.2918, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	A4B6BE
RGB	164, 182, 190
RGB Percent	64%, 71%, 75%
CMY	0.3570, 0.2862, 0.2549
CMYK	0.14, 0.04, 0.00, 0.25
HSL	198°, 17%, 69%
HSV	198°, 14%, 75%
XYZ	41.3271, 45.0661, 55.2350
YIQ	177.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

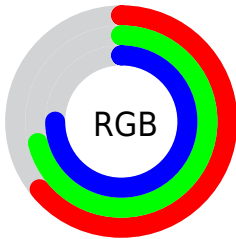
Format	Color
RYB	164, 175, 190
Decimal	10794686
CIELab	72.94, -4.55, -6.17
CIELCh	73, 7.666, 233.603
Yxy	45.0661, 0.2918, 0.3182
Android (android.graphics.Color)	4288984766 (0xFFA4B6BE)
YUV	177.5300, 6.1477, -11.8658
Hunter-Lab	67.1313, -7.5922, -1.7914

Details

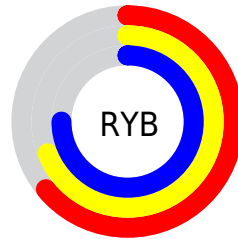
The Yxy color $45.0661, 0.2918, 0.3182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.1155, 0.3361, 0.3396$, and the grayscale version is $44.2304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8630, 0.2957, 0.3206$, and $20.9514, 0.2855, 0.3141$ is the 20% darker color. If you saturate the color by 10%, you get $40.8567, 0.2766, 0.3094$, and if you desaturate by 10%, it is $49.6807, 0.3071, 0.3262$.

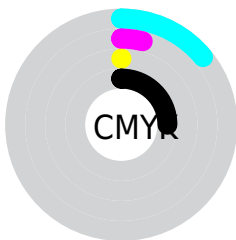
Distribution



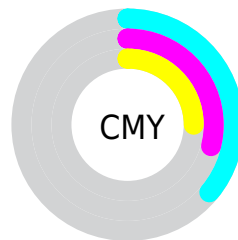
- Red (64%)
- Green (71%)
- Blue (75%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0661, 0.2918, 0.3182 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 45.0661, 0.2918, 0.3182 by changing the saturation by 10% instead.

■ 45.0661, 0.2918,
0.3182

■ 45.0661, 0.2918,
0.3182

367.0412, 0.3023,
0.3237

■ 31.5095, 0.2892,
0.3168

■ 82.8196, 0.2956,
0.3202

■ 20.9871, 0.2858,
0.3150

■ 107.7853, 0.2970,
0.3210

■ 13.1146, 0.2814,
0.3125

137.3228, 0.2982,
0.3216

■ 7.5075, 0.2751,
0.3090

171.8165, 0.2993,
0.3222

■ 3.7815, 0.2658,
0.3037

211.6508, 0.3002,
0.3226

■ 1.5521, 0.2504,
0.2945

257.2100, 0.3010,

■ 0.3250, 0.1512,

0.3230

0.2484

308.8787, 0.3016,
0.3234

0.0000, 0.0000,
0.0000

45.0661, 0.2918,
0.3182

45.0661, 0.2918,
0.3182

40.8567, 0.2766,
0.3094

49.6807, 0.3071,
0.3262

37.0323, 0.2618,
0.2998

54.7085, 0.3222,
0.3335

33.5793, 0.2476,
0.2895

60.1644, 0.3370,
0.3399

30.4807, 0.2346,
0.2786

66.0607, 0.3513,
0.3457

27.7183, 0.2229,
0.2673

71.6483, 0.3618,
0.3509

■ 25.2715, 0.2130,
0.2558

■ 74.6012, 0.3604,
0.3568

■ 23.1168, 0.2050,
0.2441

■ 77.6603, 0.3589,
0.3626

■ 21.2264, 0.1990,
0.2326

■ 80.8266, 0.3575,
0.3683

■ 20.1375, 0.1960,
0.2254

■ 84.1013, 0.3561,
0.3739

Harmonies

Analogous

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



45.0661, 0.2944, 0.3274



45.0661, 0.2918, 0.3182



45.0661, 0.2947, 0.3122

Triad

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



45.0661, 0.2918, 0.3182



45.0661, 0.3236, 0.3210



45.0661, 0.3229, 0.3480

Complementary

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



45.0661, 0.2918, 0.3182



43.1155, 0.3361, 0.3396

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.



45.0661, 0.3309, 0.3459



45.0661, 0.2918, 0.3182



45.0661, 0.3314, 0.3302

Square

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



45.0661, 0.2918, 0.3182



45.0661, 0.3130, 0.3139



45.0661, 0.3341, 0.3393



45.0661, 0.3122, 0.3448

Rectangle

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



45.0661, 0.2918, 0.3182



45.0661, 0.2994, 0.3106



45.0661, 0.3341, 0.3393



45.0661, 0.3260, 0.3478

Sweetspot

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



45.0680, 0.2918, 0.3182



89.7105, 0.3065, 0.3260



47.6864, 0.3052, 0.3538



19.5544, 0.3054, 0.3254



97.7402, 0.3127, 0.3290



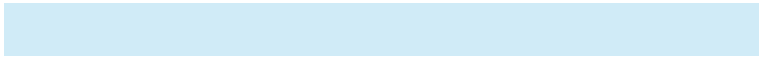
20.4902, 0.3127, 0.3290

Same Dimension

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



45.0680, 0.2918, 0.3182



79.6484, 0.2879, 0.3160



40.0486, 0.2913, 0.3005



10.3019, 0.2985, 0.3218



13.5343, 0.1964, 0.2270



0.6409, 0.2040, 0.2543

Inverse Universe

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



40.8653, 0.3212, 0.3056



70.8495, 0.3231, 0.3011



48.2383, 0.3338, 0.3560



9.6451, 0.3183, 0.3132



8.3960, 0.4158, 0.2064



0.3401, 0.3880, 0.1911

Previews

White Background



This preview shows how the Yxy color 45.0661, 0.2918, 0.3182 looks on a white background.

Color Contrast Check

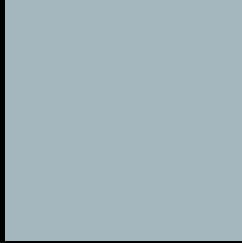
Large Text (above 18pt) WCAG AA × Fail

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 45.0661, 0.2918, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

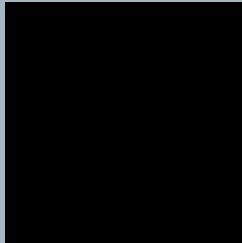
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

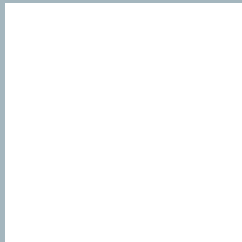
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0661, 0.2918, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 45.0661, 0.2918, 0.3182.



This preview shows how white text looks on a background with the Yxy color 45.0661, 0.2918, 0.3182.

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

45.0661, 0.2918, 0.3182

Protanopia

45.0124, 0.3064, 0.3172

Deuteranopia

45.0250, 0.3120, 0.3062



Tritanopia

45.0326, 0.2882, 0.3090

Trichromacy



Original Color

45.0661, 0.2918, 0.3182

Protanomaly

44.8697, 0.3014, 0.3171

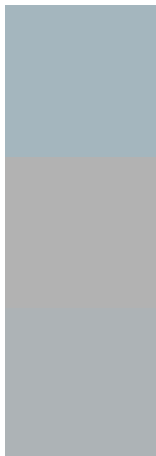
Deuteranomaly

45.0296, 0.3050, 0.3108

Tritanomaly

44.9421, 0.2897, 0.3116

Monochromacy



Original Color

45.0661, 0.2918, 0.3182

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5018, 0.3052, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0661, 0.2918, 0.3182 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(164, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 190)  
}
```

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(164, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 190) }
```

Border

The CSS property to change the border of an element to Yxy 45.0661, 0.2918, 0.3182 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(164, 182, 190) }
```

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

```
.border{ border-color:rgb(164, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0661, 0.2918, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 190) }
```

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

```
.background{ background-color: rgb(164,  
182, 190) }
```

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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