

Converting Colors

$Y_{xy}(45.6256, 0.2846, 0.3090)$

Have a look what the booklet for
Yxy(45.6256, 0.2846, 0.3090)
contains.

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Color

Yxy(45.6256, 0.2846, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	A2B7C6
RGB	162, 183, 198
RGB Percent	64%, 72%, 78%
CMY	0.3648, 0.2823, 0.2236
CMYK	0.18, 0.08, 0.00, 0.22
HSL	205°, 24%, 71%
HSV	205°, 18%, 78%
XYZ	42.0228, 45.6256, 60.0073
YIQ	178.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

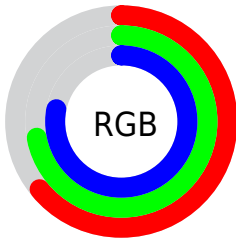
Format	Color
RYB	162, 175, 198
Decimal	10663878
CIELab	73.30, -4.02, -10.01
CIELCh	73, 10.782, 248.136
Yxy	45.6256, 0.2846, 0.3090
Android (android.graphics.Color)	4288853958 (0xFFA2B7C6)
YUV	178.4310, 9.6475, -14.4100
Hunter-Lab	67.5467, -7.1567, -5.3894

Details

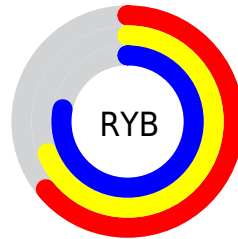
The Yxy color **45.6256, 0.2846, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0401, 0.3443, 0.3482**, and the grayscale version is **44.7151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7047, 0.2894, 0.3124**, and **21.2939, 0.2770, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **40.4161, 0.2689, 0.2964**, and if you desaturate by 10%, it is **51.3640, 0.3002, 0.3205**.

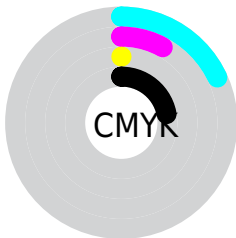
Distribution



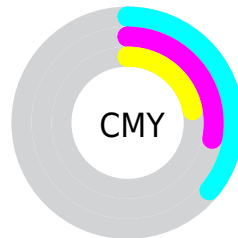
- Red (64%)
- Green (72%)
- Blue (78%)



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



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6256, 0.2846, 0.3090 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 45.6256, 0.2846, 0.3090 by changing the saturation by 10% instead.

■ 45.6256, 0.2846,
0.3090

■ 45.6256, 0.2846,
0.3090

■ 369.3014, 0.2986,
0.3191

■ 31.9505, 0.2811,
0.3065

■ 83.6584, 0.2897,
0.3127

■ 21.3237, 0.2767,
0.3032

■ 108.7849, 0.2916,
0.3141

■ 13.3608, 0.2708,
0.2988

■ 138.4972, 0.2932,
0.3152

■ 7.6775, 0.2626,
0.2926

■ 173.1799, 0.2946,
0.3162

■ 3.8893, 0.2505,
0.2833

■ 213.2172, 0.2958,
0.3171

■ 1.6118, 0.2310,
0.2677

■ 258.9937, 0.2968,

■ 0.3655, 0.1451,

0.3179

0.2127

310.8936, 0.2978,
0.3185

0.0000, 0.0000,
0.0000

45.6256, 0.2846,
0.3090

45.6256, 0.2846,
0.3090

40.4161, 0.2689,
0.2964

51.3640, 0.3002,
0.3205

35.7114, 0.2533,
0.2827

57.6433, 0.3154,
0.3308

31.4934, 0.2384,
0.2680

64.4820, 0.3301,
0.3400

27.7406, 0.2244,
0.2525

71.8958, 0.3441,
0.3481

24.4294, 0.2119,
0.2365

78.7483, 0.3529,
0.3557

■ 21.5335, 0.2012,
0.2203

■ 83.2878, 0.3512,
0.3638

■ 19.0225, 0.1926,
0.2043

■ 88.0446, 0.3495,
0.3717

■ 16.8518, 0.1861,
0.1888

■ 93.0218, 0.3478,
0.3794

■ 16.4821, 0.1850,
0.1860

■ 96.8565, 0.3466,
0.3850

Harmonies

Analogous

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



45.6256, 0.2845, 0.3200



45.6256, 0.2846, 0.3090



45.6256, 0.2921, 0.3037

Triad

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



45.6256, 0.2846, 0.3090



45.6256, 0.3341, 0.3238



45.6256, 0.3198, 0.3545

Complementary

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



45.6256, 0.2846, 0.3090



46.0401, 0.3443, 0.3482

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.



45.6256, 0.3334, 0.3550



45.6256, 0.2846, 0.3090



45.6256, 0.3418, 0.3369

Square

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



45.6256, 0.2846, 0.3090



45.6256, 0.3205, 0.3122



45.6256, 0.3416, 0.3484



45.6256, 0.3045, 0.3467

Rectangle

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



45.6256, 0.2846, 0.3090



45.6256, 0.3003, 0.3038



45.6256, 0.3416, 0.3484



45.6256, 0.3247, 0.3555

Sweetspot

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



45.6275, 0.2846, 0.3090



94.3242, 0.3050, 0.3238



51.2105, 0.3003, 0.3579



20.0228, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



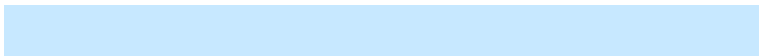
21.4041, 0.3127, 0.3290

Same Dimension

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



45.6275, 0.2846, 0.3090



76.8729, 0.2781, 0.3039



38.8785, 0.2833, 0.2850



11.2994, 0.2983, 0.3192



10.8928, 0.1856, 0.1881



0.6564, 0.1946, 0.2205

Inverse Universe

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



41.2586, 0.3280, 0.3024



67.8680, 0.3323, 0.2961



53.3664, 0.3405, 0.3695



10.7391, 0.3200, 0.3156



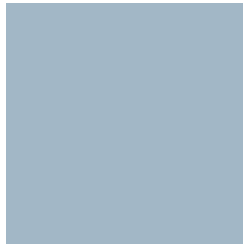
8.6396, 0.4590, 0.2302



0.4233, 0.4227, 0.2102

Previews

White Background



This preview shows how the Yxy color 45.6256, 0.2846, 0.3090 looks on a white background.

Color Contrast Check

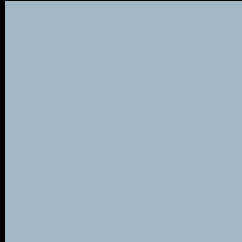
Large Text (above 18pt) WCAG AA × Fail

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 45.6256, 0.2846, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

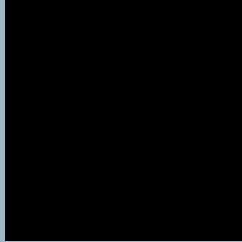
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

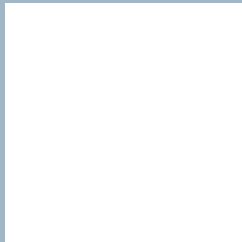
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6256, 0.2846, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 45.6256, 0.2846, 0.3090.



This preview shows how white text looks on a background with the Yxy color 45.6256, 0.2846, 0.3090.

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

45.6256, 0.2846, 0.3090

Protanopia

45.6453, 0.2994, 0.3082

Deuteranopia

45.5214, 0.3039, 0.2975



Tritanopia

45.6256, 0.2846, 0.3090

Trichromacy



Original Color

45.6256, 0.2846, 0.3090

Protanomaly

45.3987, 0.2937, 0.3080

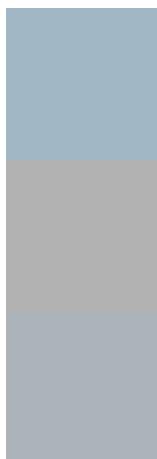
Deuteranomaly

45.5480, 0.2972, 0.3020

Tritanomaly

45.6256, 0.2846, 0.3090

Monochromacy



Original Color

45.6256, 0.2846, 0.3090

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9160, 0.3020, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6256, 0.2846, 0.3090 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(162, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 198)  
}
```

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(162, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.6256, 0.2846, 0.3090 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(162, 183, 198) }
```

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

```
.border{ border-color:rgb(162, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 183,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6256, 0.2846, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 198) }
```

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

```
.background{ background-color: rgb(162,  
183, 198) }
```

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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