

Converting Colors

$Yxy(55.3692, 0.2813, 0.3068)$

Have a look what the booklet for
Yxy(55.3692, 0.2813, 0.3068)
contains.

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Color

Yxy(55.3692, 0.2813, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	AEC8DA
RGB	174, 200, 218
RGB Percent	68%, 78%, 85%
CMY	0.3176, 0.2157, 0.1451
CMYK	0.20, 0.08, 0.00, 0.15
HSL	205°, 37%, 77%
HSV	205°, 20%, 85%
XYZ	50.7671, 55.3692, 74.3369
YIQ	194.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

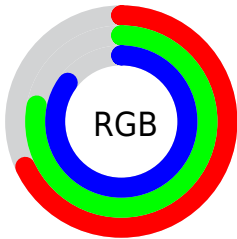
Format	Color
RYB	174, 190, 218
Decimal	11454682
CIELab	79.25, -4.89, -11.88
CIELCh	79, 12.846, 247.606
Yxy	55.3692, 0.2813, 0.3068
Android (android.graphics.Color)	4289644762 (0xFFAEC8DA)
YUV	194.2780, 11.6949, -17.7838
Hunter-Lab	74.4105, -8.4353, -7.1441

Details

The Yxy color **55.3692, 0.2813, 0.3068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6676, 0.3486, 0.3502**, and the grayscale version is **54.0637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **27.2671, 0.2733, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **49.0549, 0.2655, 0.2941**, and if you desaturate by 10%, it is **62.3355, 0.2970, 0.3184**.

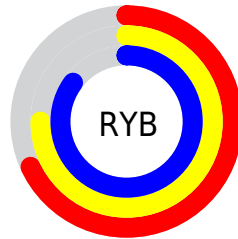
Distribution



Red (68%)

Green (78%)

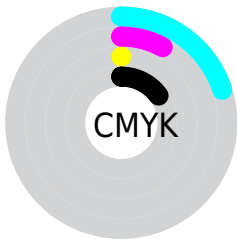
Blue (85%)



Red (68%)

Yellow (75%)

Blue (85%)

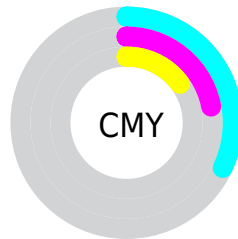


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3692, 0.2813, 0.3068 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 55.3692, 0.2813, 0.3068 by changing the saturation by 10% instead.

■ 55.3692, 0.2813,
0.3068

■ 55.3692, 0.2813,
0.3068

407.3099, 0.2964,
0.3177

■ 39.6974, 0.2777,
0.3042

■ 98.0817, 0.2867,
0.3107

■ 27.3027, 0.2732,
0.3008

125.8911, 0.2887,
0.3122

■ 17.8007, 0.2673,
0.2965

158.5153, 0.2905,
0.3134

■ 10.8070, 0.2595,
0.2905

196.3385, 0.2920,
0.3145

■ 5.9372, 0.2483,
0.2820

239.7452, 0.2933,
0.3155

■ 2.8069, 0.2315,
0.2687

289.1197, 0.2945,

■ 1.0318, 0.2033,

0.3163

0.2455

344.8465, 0.2955,
0.3170

0.0000, 0.0000,
0.0000

55.3692, 0.2813,
0.3068

55.3692, 0.2813,
0.3068

49.0549, 0.2655,
0.2941

62.3355, 0.2970,
0.3184

43.3621, 0.2501,
0.2803

69.9692, 0.3125,
0.3288

38.2677, 0.2353,
0.2656

78.2936, 0.3274,
0.3382

33.7443, 0.2216,
0.2501

86.1300, 0.3373,
0.3467

29.7615, 0.2095,
0.2342

91.3867, 0.3360,
0.3553

■ 26.2852, 0.1994,
0.2183

■ 96.9034, 0.3348,
0.3637

■ 23.2757, 0.1914,
0.2025

■ 97.8417, 0.3346,
0.3651

■ 20.7067, 0.1854,
0.1875

Harmonies

Analogous

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



55.3692, 0.2813, 0.3191



55.3692, 0.2813, 0.3068



55.3692, 0.2895, 0.3008

Triad

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



55.3692, 0.2813, 0.3068



55.3692, 0.3363, 0.3229



55.3692, 0.3209, 0.3577

Complementary

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



55.3692, 0.2813, 0.3068



55.6676, 0.3486, 0.3502

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.



55.3692, 0.3360, 0.3580



55.3692, 0.2813, 0.3068



55.3692, 0.3452, 0.3375

Square

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



55.3692, 0.2813, 0.3068



55.3692, 0.3211, 0.3101



55.3692, 0.3451, 0.3504



55.3692, 0.3038, 0.3491

Rectangle

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



55.3692, 0.2813, 0.3068



55.3692, 0.2986, 0.3009



55.3692, 0.3451, 0.3504



55.3692, 0.3264, 0.3587

Sweetspot

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



55.3715, 0.2813, 0.3068



93.2830, 0.3034, 0.3228



62.9298, 0.2989, 0.3617



19.8145, 0.3024, 0.3221



0.0000, 0.0000, 0.0000



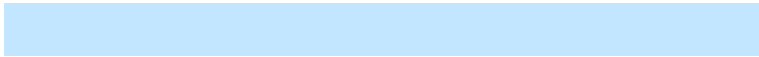
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3715, 0.2813, 0.3068



75.2322, 0.2749, 0.3018



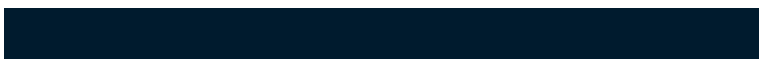
46.0703, 0.2795, 0.2793



13.8895, 0.2982, 0.3192



12.6227, 0.1861, 0.1898



0.9857, 0.1930, 0.2148

Inverse Universe

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



49.3550, 0.3299, 0.2989



65.4653, 0.3341, 0.2926



65.8511, 0.3439, 0.3743



13.1800, 0.3200, 0.3153



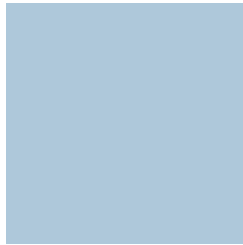
9.8980, 0.4570, 0.2291



0.6582, 0.4289, 0.2136

Previews

White Background



This preview shows how the Yxy color 55.3692, 0.2813, 0.3068 looks on a white background.

Color Contrast Check

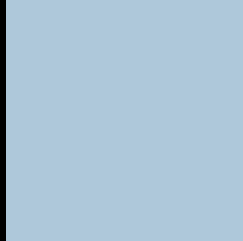
Large Text (above 18pt) WCAG AA × Fail

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 55.3692, 0.2813, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

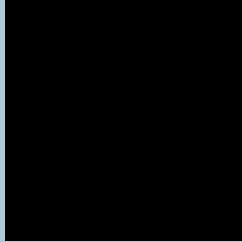
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

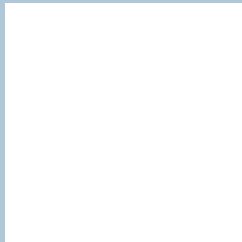
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3692, 0.2813, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 55.3692, 0.2813, 0.3068.



This preview shows how white text looks on a background with the Yxy color 55.3692, 0.2813, 0.3068.

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

55.3692, 0.2813, 0.3068

Protanopia

55.4058, 0.2976, 0.3051

Deuteranopia

55.2663, 0.3017, 0.2954



Tritanopia

55.2651, 0.2826, 0.3092

Trichromacy



Original Color

55.3692, 0.2813, 0.3068

Protanomaly

55.4552, 0.2917, 0.3061

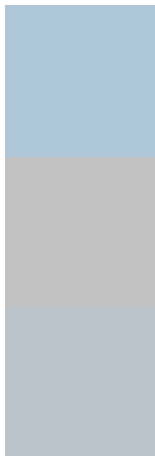
Deuteranomaly

55.0355, 0.2940, 0.2993

Tritanomaly

55.3170, 0.2819, 0.3080

Monochromacy



Original Color

55.3692, 0.2813, 0.3068

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3564, 0.3007, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3692, 0.2813, 0.3068 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(174, 200, 218)` looks like.

```
.text, #text, p{  
    color:rgb(174, 200, 218)  
}
```

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(174, 200, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 200, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.3692, 0.2813, 0.3068 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(174, 200, 218) }
```

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

```
.border{ border-color:rgb(174, 200, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 200, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 200, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 200, 218); box-shadow:4px 4px 4px 4px rgb(174, 200, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3692, 0.2813, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 200, 218) }
```

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

```
.background{ background-color: rgb(174,  
200, 218) }
```

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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