

Converting Colors

$Yxy(56.7966, 0.2902, 0.3086)$

Have a look what the booklet for
Yxy(56.7966, 0.2902, 0.3086)
contains.

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Color

Yxy(56.7574, 0.2904, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	BAC8D9
RGB	186, 200, 217
RGB Percent	73%, 78%, 85%
CMY	0.2706, 0.2157, 0.1490
CMYK	0.14, 0.08, 0.00, 0.15
HSL	213°, 29%, 79%
HSV	213°, 14%, 85%
XYZ	53.4274, 56.7574, 73.7938
YIQ	197.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

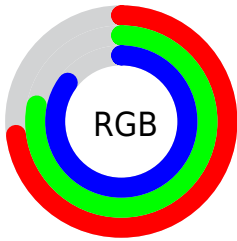
Format	Color
RYB	186, 196, 217
Decimal	12241113
CIELab	80.04, -1.33, -10.09
CIELCh	80, 10.174, 262.480
Yxy	56.7574, 0.2904, 0.3085
Android (android.graphics.Color)	4290431193 (0xFFBAC8D9)
YUV	197.7520, 9.4893, -10.3065
Hunter-Lab	75.3375, -5.2531, -5.3389

Details

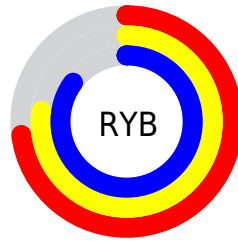
The Yxy color **56.7574, 0.2904, 0.3085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0091, 0.3363, 0.3487**, and the grayscale version is **56.2618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **28.1529, 0.2851, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **48.9470, 0.2740, 0.2922**, and if you desaturate by 10%, it is **65.4141, 0.3062, 0.3232**.

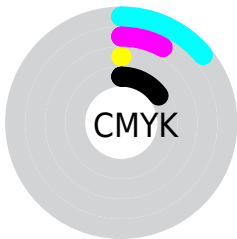
Distribution



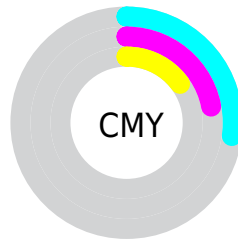
- Red (73%)
- Green (78%)
- Blue (85%)



- Red (73%)
- Yellow (77%)
- Blue (85%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7574, 0.2904, 0.3085 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 56.7574, 0.2904, 0.3085 by changing the saturation by 10% instead.

■ 56.7574, 0.2904,
0.3085

■ 56.7574, 0.2904,
0.3085

412.5396, 0.3011,
0.3184

■ 40.8105, 0.2878,
0.3061

■ 100.1111, 0.2942,
0.3120

■ 28.1710, 0.2846,
0.3031

128.2867, 0.2957,
0.3134

■ 18.4546, 0.2804,
0.2992

161.3073, 0.2969,
0.3145

■ 11.2769, 0.2748,
0.2940

199.5574, 0.2980,
0.3155

■ 6.2534, 0.2669,
0.2865

243.4212, 0.2989,
0.3164

■ 2.9998, 0.2547,
0.2750

293.2833, 0.2998,

■ 1.1316, 0.2341,

0.3171

0.2553

349.5280, 0.3005,
0.3178

0.0048, 0.0000,
0.0066

0.0000, 0.0000,
0.0000

56.7574, 0.2904,
0.3085

56.7574, 0.2904,
0.3085

48.9470, 0.2740,
0.2922

65.4141, 0.3062,
0.3232

41.9476, 0.2572,
0.2742

74.9368, 0.3211,
0.3363

35.7314, 0.2405,
0.2548

85.3533, 0.3352,
0.3478

30.2664, 0.2243,
0.2342

93.1554, 0.3362,
0.3591

■ 25.5178, 0.2093,
0.2129

■ 97.7905, 0.3351,
0.3661

■ 21.4472, 0.1959,
0.1914

■ 18.0116, 0.1848,
0.1705

■ 15.1606, 0.1763,
0.1508

■ 13.7548, 0.1723,
0.1403

Harmonies

Analogous

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



56.7574, 0.2871, 0.3160



56.7574, 0.2904, 0.3085



56.7574, 0.2996, 0.3065

Triad

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



56.7574, 0.2904, 0.3085



56.7574, 0.3355, 0.3300



56.7574, 0.3125, 0.3488

Complementary

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



56.7574, 0.2904, 0.3085



61.0091, 0.3363, 0.3487

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.



56.7574, 0.3256, 0.3524



56.7574, 0.2904, 0.3085



56.7574, 0.3391, 0.3412

Square

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



56.7574, 0.2904, 0.3085



56.7574, 0.3257, 0.3188



56.7574, 0.3354, 0.3495



56.7574, 0.2997, 0.3395

Rectangle

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



56.7574, 0.2904, 0.3085



56.7574, 0.3080, 0.3084



56.7574, 0.3354, 0.3495



56.7574, 0.3170, 0.3507

Sweetspot

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



56.7598, 0.2904, 0.3085



94.6006, 0.3066, 0.3236



64.3605, 0.3002, 0.3463



20.0360, 0.3054, 0.3225



0.0000, 0.0000, 0.0000



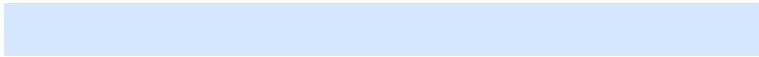
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7598, 0.2904, 0.3085



78.4489, 0.2858, 0.3040



50.6915, 0.2906, 0.2913



13.5812, 0.2982, 0.3158



8.5302, 0.1730, 0.1429



0.7232, 0.1817, 0.1742

Inverse Universe

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



54.0376, 0.3277, 0.3128



73.9550, 0.3312, 0.3095



67.7737, 0.3332, 0.3643



13.1489, 0.3221, 0.3185



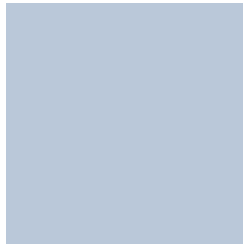
9.4849, 0.5153, 0.2612



0.6317, 0.4755, 0.2393

Previews

White Background



This preview shows how the Yxy color 56.7574, 0.2904, 0.3085 looks on a white background.

Color Contrast Check

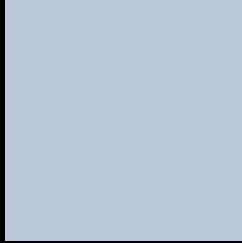
Large Text (above 18pt) WCAG AA × Fail

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 56.7574, 0.2904, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

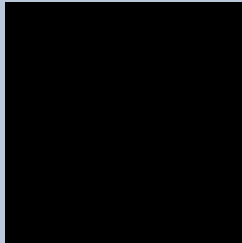
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7574, 0.2904, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 56.7574, 0.2904, 0.3085.



This preview shows how white text looks on a background with the Yxy color 56.7574, 0.2904, 0.3085.

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

56.7574, 0.2904, 0.3085

Protanopia

56.7091, 0.2998, 0.3077

Deuteranopia

56.6118, 0.3062, 0.3002



Tritanopia

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.7574, 0.2904, 0.3085

Protanomaly

56.6835, 0.2962, 0.3076

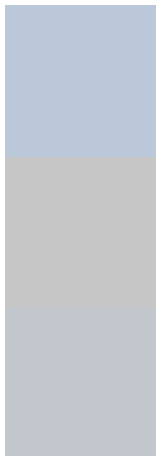
Deuteranomaly

56.8212, 0.3000, 0.3033

Tritanomaly

56.7055, 0.2911, 0.3097

Monochromacy



Original Color

56.7574, 0.2904, 0.3085

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7240, 0.3046, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7574, 0.2904, 0.3085 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(186, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 217)  
}
```

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(186, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.7574, 0.2904, 0.3085 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(186, 200, 217) }
```

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

```
.border{ border-color:rgb(186, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7574, 0.2904, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 217) }
```

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

```
.background{ background-color: rgb(186,  
200, 217) }
```

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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