

Converting Colors

Yxy(53.0547, 0.2936, 0.3264)

Have a look what the booklet for
Yxy(53.0547, 0.2936, 0.3264)
contains.

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Color

Yxy(53.0547, 0.2936, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	AEC5C7
RGB	174, 197, 199
RGB Percent	68%, 77%, 78%
CMY	0.3178, 0.2274, 0.2195
CMYK	0.13, 0.01, 0.00, 0.22
HSL	185°, 18%, 73%
HSV	185°, 13%, 78%
XYZ	47.7232, 53.0547, 61.7671
YIQ	190.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

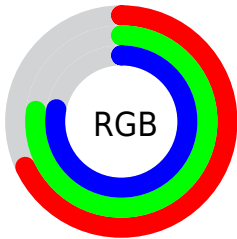
Format	Color
RYB	174, 186, 199
Decimal	11453895
CIELab	77.91, -7.37, -3.65
CIELCh	78, 8.224, 206.377
Yxy	53.0547, 0.2936, 0.3264
Android (android.graphics.Color)	4289643975 (0xFFAEC5C7)
YUV	190.3510, 4.2640, -14.3398
Hunter-Lab	72.8387, -10.5161, 0.7092

Details

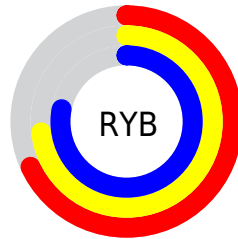
The Yxy color **53.0547, 0.2936, 0.3264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2289, 0.3350, 0.3316**, and the grayscale version is **51.6834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9266, 0.2976, 0.3280**, and **25.7542, 0.2884, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **50.2214, 0.2792, 0.3241**, and if you desaturate by 10%, it is **56.2387, 0.3087, 0.3285**.

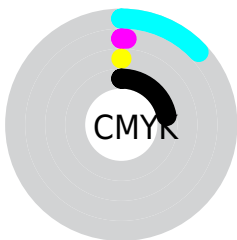
Distribution



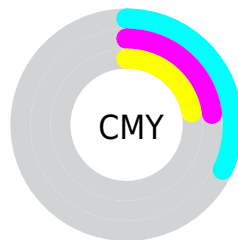
- Red (68%)
- Green (77%)
- Blue (78%)



- Red (68%)
- Yellow (73%)
- Blue (78%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)




- Cyan (32%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0547, 0.2936, 0.3264 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 53.0547, 0.2936, 0.3264 by changing the saturation by 10% instead.

 53.0547, 0.2936,
0.3264

 53.0547, 0.2936,
0.3264


398.4949, 0.3029,
0.3277

 37.8464, 0.2913,
0.3261


 94.6849, 0.2969,
0.3269

 25.8635, 0.2885,
0.3256


121.8755, 0.2982,
0.3271

 16.7216, 0.2848,
0.3250


153.8291, 0.2993,
0.3272

 10.0362, 0.2797,
0.3241

190.9301, 0.3002,
0.3274

 5.4230, 0.2724,
0.3228

233.5627, 0.3010,
0.3275

 2.4975, 0.2609,
0.3205

282.1115, 0.3017,

 0.8754, 0.2365,

0.3276

0.3175

336.9608, 0.3023,
0.3277

0.0000, 0.0000,
0.0000

53.0547, 0.2936,
0.3264

53.0547, 0.2936,
0.3264

50.2214, 0.2792,
0.3241

56.2387, 0.3087,
0.3285

47.7172, 0.2658,
0.3217

59.7806, 0.3242,
0.3304

45.5284, 0.2537,
0.3192

63.6958, 0.3399,
0.3321

43.6377, 0.2431,
0.3165

67.9969, 0.3555,
0.3336

42.0260, 0.2344,
0.3138

69.0255, 0.3564,
0.3352

■ 40.6721, 0.2275,
0.3111

■ 69.7888, 0.3560,
0.3369

■ 39.5516, 0.2224,
0.3084

■ 70.5599, 0.3557,
0.3385

■ 38.6351, 0.2192,
0.3057

■ 71.3387, 0.3553,
0.3401

■ 38.0482, 0.2177,
0.3037

■ 72.1253, 0.3550,
0.3417

Harmonies

Analogous

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



53.0547, 0.3007, 0.3365



53.0547, 0.2936, 0.3264



53.0547, 0.2915, 0.3173

Triad

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



53.0547, 0.2936, 0.3264



53.0547, 0.3140, 0.3142



53.0547, 0.3306, 0.3465

Complementary

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



53.0547, 0.2936, 0.3264



46.2289, 0.3350, 0.3316

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.



53.0547, 0.3344, 0.3402



53.0547, 0.2936, 0.3264



53.0547, 0.3247, 0.3217

Square

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



53.0547, 0.2936, 0.3264



53.0547, 0.3032, 0.3105



53.0547, 0.3322, 0.3311



53.0547, 0.3221, 0.3482

Rectangle

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



53.0547, 0.2936, 0.3264



53.0547, 0.2932, 0.3130



53.0547, 0.3322, 0.3311



53.0547, 0.3325, 0.3449

Sweetspot

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



53.0569, 0.2936, 0.3264



97.5984, 0.3065, 0.3282



52.9666, 0.3100, 0.3595



20.7959, 0.3053, 0.3280



0.0000, 0.0000, 0.0000



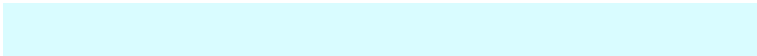
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0569, 0.2936, 0.3264



91.5218, 0.2897, 0.3258



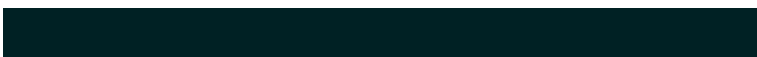
47.7361, 0.2932, 0.3106



11.9171, 0.2984, 0.3271



24.5215, 0.2178, 0.3041



1.2050, 0.2194, 0.3097

Inverse Universe

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



46.4286, 0.3158, 0.3007



77.7819, 0.3165, 0.2946



51.2304, 0.3330, 0.3467



10.8015, 0.3150, 0.3080



10.0155, 0.3418, 0.1657



0.4787, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 53.0547, 0.2936, 0.3264 looks on a white background.

Color Contrast Check

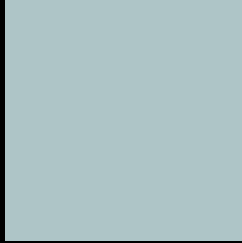
Large Text (above 18pt) WCAG AA × Fail

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 53.0547, 0.2936, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

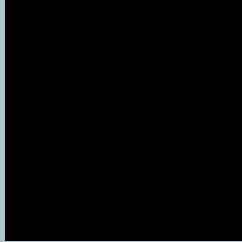
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

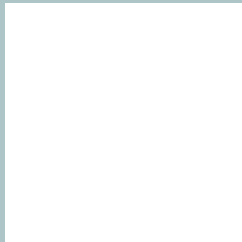
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0547, 0.2936, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 53.0547, 0.2936, 0.3264.

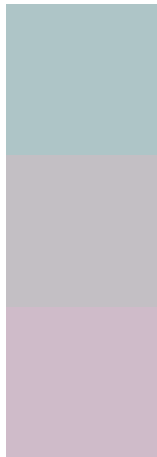


This preview shows how white text looks on a background with the Yxy color 53.0547, 0.2936, 0.3264.

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

53.0547, 0.2936, 0.3264

Protanopia

52.8492, 0.3122, 0.3229

Deuteranopia

53.0231, 0.3185, 0.3124



Tritanopia

52.9635, 0.2869, 0.3090

Trichromacy



Original Color

53.0547, 0.2936, 0.3264

Protanomaly

52.7359, 0.3050, 0.3240

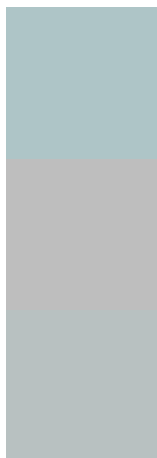
Deuteranomaly

53.0338, 0.3092, 0.3180

Tritanomaly

53.0988, 0.2889, 0.3151

Monochromacy



Original Color

53.0547, 0.2936, 0.3264

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1805, 0.3055, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0547, 0.2936, 0.3264 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.0547, 0.2936, 0.3264 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, 197, 199) }
```

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

```
.border{ border-color:rgb(174, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(174, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0547, 0.2936, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 197, 199) }
```

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

```
.background{ background-color: rgb(174,  
197, 199) }
```

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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