

Converting Colors

$Yxy(53.5062, 0.2797, 0.3042)$

Have a look what the booklet for
Yxy(53.5062, 0.2797, 0.3042)
contains.

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Color

Yxy(53.6002, 0.2796, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	ABC5D9
RGB	171, 197, 217
RGB Percent	67%, 77%, 85%
CMY	0.3294, 0.2274, 0.1491
CMYK	0.21, 0.09, 0.00, 0.15
HSL	206°, 38%, 76%
HSV	206°, 21%, 85%
XYZ	49.2819, 53.6002, 73.3764
YIQ	191.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

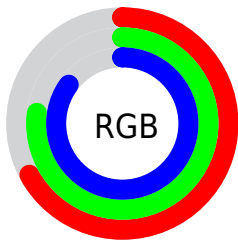
Format	Color
R _Y B	171, 188, 217
Decimal	11257305
CIE Lab	78.23, -4.47, -12.88
CIE LCh	78, 13.637, 250.867
Yxy	53.6002, 0.2796, 0.3041
Android (android.graphics.Color)	4289447385 (0xFFABC5D9)
YUV	191.5060, 12.5685, -17.9838
Hunter-Lab	73.2122, -7.9662, -8.1745

Details

The Yxy color **53.6002, 0.2796, 0.3041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9347, 0.3504, 0.3527**, and the grayscale version is **52.3448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4345, 0.2958, 0.3280**, and **26.1051, 0.2710, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **47.2158, 0.2637, 0.2904**, and if you desaturate by 10%, it is **60.6564, 0.2954, 0.3165**.

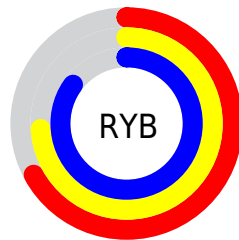
Distribution



Red (67%)

Green (77%)

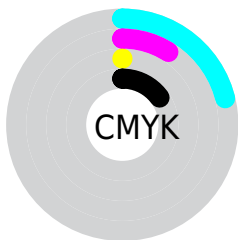
Blue (85%)



Red (67%)

Yellow (74%)

Blue (85%)

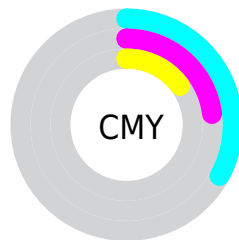


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (23%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6002, 0.2796, 0.3041 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 53.6002, 0.2796, 0.3041 by changing the saturation by 10% instead.

■ 53.6002, 0.2796,
0.3041

■ 53.6002, 0.2796,
0.3041

400.5836, 0.2956,
0.3163

■ 38.2821, 0.2758,
0.3011

■ 95.4870, 0.2853,
0.3085

■ 26.2017, 0.2709,
0.2973

122.8245, 0.2875,
0.3102

■ 16.9746, 0.2647,
0.2924

154.9372, 0.2893,
0.3116

■ 10.2164, 0.2562,
0.2856

192.2096, 0.2909,
0.3128

■ 5.5427, 0.2442,
0.2759

235.0260, 0.2923,
0.3138

■ 2.5690, 0.2260,
0.2607

283.7709, 0.2935,

■ 0.9111, 0.1945,

0.3148

0.2342

338.8287, 0.2946,
0.3156

0.0000, 0.0000,
0.0000

53.6002, 0.2796,
0.3041

53.6002, 0.2796,
0.3041

47.2158, 0.2637,
0.2904

60.6564, 0.2954,
0.3165

41.4723, 0.2480,
0.2756

68.4008, 0.3109,
0.3277

36.3458, 0.2330,
0.2599

76.8572, 0.3258,
0.3377

31.8081, 0.2192,
0.2433

85.5135, 0.3381,
0.3467

27.8278, 0.2069,
0.2264

91.0439, 0.3367,
0.3558

■ 24.3700, 0.1966,
0.2094

■ 96.8642, 0.3354,
0.3648

■ 21.3934, 0.1885,
0.1928

■ 97.7885, 0.3352,
0.3661

■ 19.1114, 0.1830,
0.1787

Harmonies

Analogous

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



53.6002, 0.2786, 0.3166



53.6002, 0.2796, 0.3041



53.6002, 0.2892, 0.2985

Triad

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



53.6002, 0.2796, 0.3041



53.6002, 0.3395, 0.3241



53.6002, 0.3194, 0.3593

Complementary

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



53.6002, 0.2796, 0.3041



54.9347, 0.3504, 0.3527

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.



53.6002, 0.3362, 0.3605



53.6002, 0.2796, 0.3041



53.6002, 0.3481, 0.3397

Square

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



53.6002, 0.2796, 0.3041



53.6002, 0.3237, 0.3101



53.6002, 0.3468, 0.3531



53.6002, 0.3012, 0.3491

Rectangle

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



53.6002, 0.2796, 0.3041



53.6002, 0.2994, 0.2992



53.6002, 0.3468, 0.3531



53.6002, 0.3254, 0.3607

Sweetspot

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



53.6024, 0.2796, 0.3041



93.0464, 0.3034, 0.3225



62.0289, 0.2973, 0.3616



19.7585, 0.3024, 0.3217



0.0000, 0.0000, 0.0000



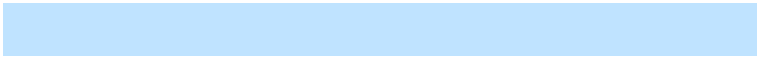
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6024, 0.2796, 0.3041



73.4390, 0.2732, 0.2987



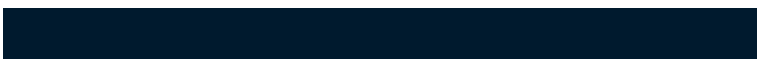
43.9628, 0.2776, 0.2744



13.8335, 0.2982, 0.3186



11.7857, 0.1836, 0.1810



0.9338, 0.1909, 0.2074

Inverse Universe

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



47.9047, 0.3319, 0.2986



64.1942, 0.3365, 0.2926



65.7358, 0.3452, 0.3783



13.1743, 0.3204, 0.3159



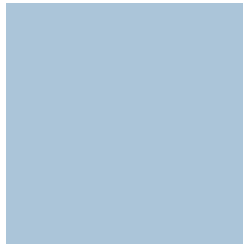
9.8135, 0.4674, 0.2348



0.6530, 0.4370, 0.2181

Previews

White Background



This preview shows how the Yxy color 53.6002, 0.2796, 0.3041 looks on a white background.

Color Contrast Check

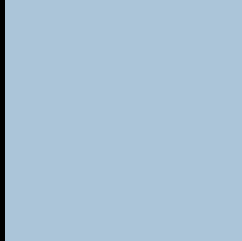
Large Text (above 18pt) WCAG AA × Fail

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 53.6002, 0.2796, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

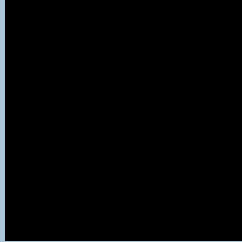
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

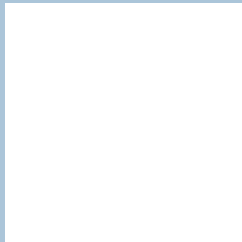
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6002, 0.2796, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 53.6002, 0.2796, 0.3041.



This preview shows how white text looks on a background with the Yxy color 53.6002, 0.2796, 0.3041.

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

53.6002, 0.2796, 0.3041

Protanopia

53.6307, 0.2959, 0.3025

Deuteranopia

53.3603, 0.2993, 0.2926



Tritanopia

53.7383, 0.2815, 0.3101

Trichromacy



Original Color

53.6002, 0.2796, 0.3041

Protanomaly

53.6802, 0.2901, 0.3034

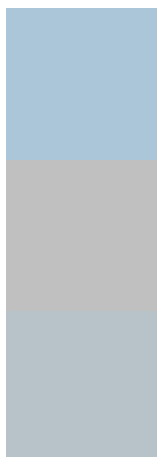
Deuteranomaly

53.1424, 0.2916, 0.2965

Tritanomaly

53.7893, 0.2809, 0.3089

Monochromacy



Original Color

53.6002, 0.2796, 0.3041

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9910, 0.2998, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6002, 0.2796, 0.3041 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(171, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 197, 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(171, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 197, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.6002, 0.2796, 0.3041 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(171, 197, 217) }
```

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

```
.border{ border-color:rgb(171, 197, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 197,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6002, 0.2796, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 197, 217) }
```

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

```
.background{ background-color: rgb(171,  
197, 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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