

Converting Colors

$Yxy(53.1684, 0.2345, 0.2881)$

Have a look what the booklet for
Yxy(53.1684, 0.2345, 0.2881)
contains.

Yxy(53.3828, 0.2348, 0.2886)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.3828, 0.2348, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	6BCEED
RGB	107, 206, 237
RGB Percent	42%, 81%, 93%
CMY	0.5800, 0.1922, 0.0705
CMYK	0.55, 0.13, 0.00, 0.07
HSL	194°, 78%, 67%
HSV	194°, 55%, 93%
XYZ	43.4313, 53.3828, 88.1575
YIQ	179.9330, -68.9550, -11.3470

Conversions

Conversions Part 2

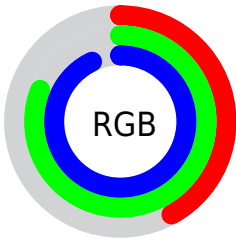
Format	Color
RYB	107, 163, 237
Decimal	7065325
CIELab	78.10, -20.49, -24.17
CIELCh	78, 31.682, 229.706
Yxy	53.3828, 0.2348, 0.2886
Android (android.graphics.Color)	4285255405 (0xFF6BCEED)
YUV	179.9330, 28.1340, -63.9622
Hunter-Lab	73.0635, -21.7550, -20.3940

Details

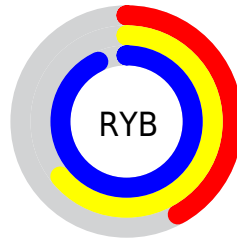
The Yxy color **53.3828, 0.2348, 0.2886** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **37.2867, 0.4549, 0.3632**, and the grayscale version is **45.4906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9555, 0.2638, 0.3289**, and **26.2047, 0.2161, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **49.4329, 0.2243, 0.2798**, and if you desaturate by 10%, it is **57.8376, 0.2469, 0.2971**.

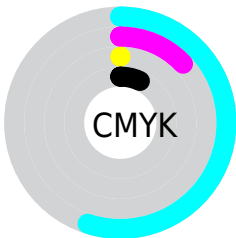
Distribution



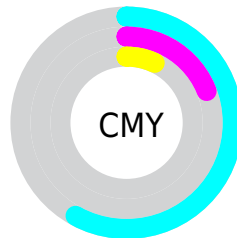
- Red (42%)
- Green (81%)
- Blue (93%)



- Red (42%)
- Yellow (64%)
- Blue (93%)



- Cyan (55%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)





- Cyan (58%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3828, 0.2348, 0.2886 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 53.3828, 0.2348, 0.2886 by changing the saturation by 10% instead.

 53.3828, 0.2348,
0.2886


 53.3828, 0.2348,
0.2886

399.7520, 0.2716,
0.3091


 38.1084, 0.2263,
0.2835


 95.1674, 0.2477,
0.2960

 26.0669, 0.2158,
0.2770


 122.4465, 0.2526,
0.2988

 16.8737, 0.2025,
0.2685


 154.4959, 0.2569,
0.3012

 10.1445, 0.1852,
0.2568

191.7000, 0.2606,
0.3032

 5.4948, 0.1620,
0.2400

234.4433, 0.2639,
0.3050

 2.5404, 0.1299,
0.2144

283.1102, 0.2667,

 0.8968, 0.0689,

0.3065

0.1754

338.0849, 0.2693,
0.3079

0.0000, 0.0000,
0.0000

53.3828, 0.2348,
0.2886

53.3828, 0.2348,
0.2886

49.4329, 0.2243,
0.2798

57.8376, 0.2469,
0.2971

45.9471, 0.2156,
0.2709

62.8222, 0.2604,
0.3052

42.8872, 0.2090,
0.2620


68.3667, 0.2748,
0.3127

40.2040, 0.2043,
0.2531

74.4971, 0.2899,
0.3197


38.9237, 0.2024,
0.2485

81.2373, 0.3053,
0.3261

 88.6100, 0.3207,
0.3319

 93.0594, 0.3240,
0.3374

 96.5497, 0.3235,
0.3428

 98.8962, 0.3232,
0.3463

Harmonies

Analogous

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



53.3828, 0.2459, 0.3253



53.3828, 0.2348, 0.2886



53.3828, 0.2426, 0.2662

Triad

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



53.3828, 0.2348, 0.2886



53.3828, 0.3497, 0.2947



53.3828, 0.3553, 0.4050

Complementary

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



53.3828, 0.2348, 0.2886



37.2867, 0.4549, 0.3632

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.



53.3828, 0.3863, 0.3899



53.3828, 0.2348, 0.2886



53.3828, 0.3839, 0.3264

Square

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



53.3828, 0.2348, 0.2886



53.3828, 0.3067, 0.2713



53.3828, 0.3974, 0.3606



53.3828, 0.3141, 0.3973

Rectangle

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



53.3828, 0.2348, 0.2886



53.3828, 0.2578, 0.2608



53.3828, 0.3974, 0.3606



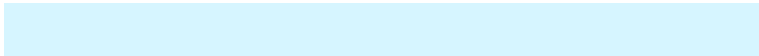
53.3828, 0.3673, 0.4021

Sweetspot

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



53.3848, 0.2348, 0.2886



87.0047, 0.2880, 0.3189



65.5347, 0.2906, 0.4656



18.2940, 0.2848, 0.3175



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.



53.3848, 0.2348, 0.2886



57.7291, 0.2229, 0.2786



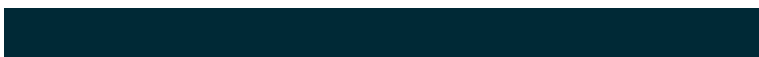
28.5157, 0.2160, 0.1987



16.4766, 0.2981, 0.3232



21.4581, 0.2028, 0.2500



1.8313, 0.2062, 0.2622

Inverse Universe

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



32.9990, 0.3507, 0.2254



32.9238, 0.3615, 0.2093



61.4919, 0.4112, 0.4300



15.2487, 0.3174, 0.3112



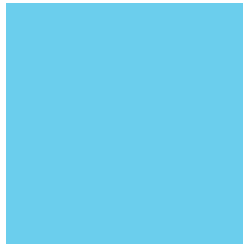
11.6590, 0.3922, 0.1934



0.9303, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 53.3828, 0.2348, 0.2886 looks on a white background.

Color Contrast Check

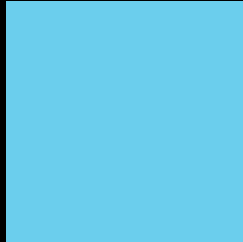
Large Text (above 18pt) WCAG AA × Fail

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 53.3828, 0.2348, 0.2886 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 53.3828, 0.2348, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 53.3828, 0.2348, 0.2886.



This preview shows how white text looks on a background with the Yxy color 53.3828, 0.2348, 0.2886.

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

53.3828, 0.2348, 0.2886

Protanopia

52.6322, 0.2832, 0.2858

Deuteranopia

52.6316, 0.2734, 0.2671



Tritanopia

53.3728, 0.2388, 0.3061

Trichromacy



Original Color

53.3828, 0.2348, 0.2886

Protanomaly

52.3611, 0.2623, 0.2865

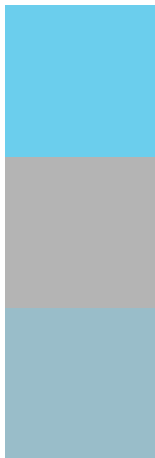
Deuteranomaly

52.4896, 0.2565, 0.2739

Tritanomaly

53.2258, 0.2375, 0.2997

Monochromacy



Original Color

53.3828, 0.2348, 0.2886

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.3845, 0.2765, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3828, 0.2348, 0.2886 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(107, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(107, 206, 237)  
}
```

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(107, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 206, 237) }
```

Border

The CSS property to change the border of an element to Yxy 53.3828, 0.2348, 0.2886 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(107, 206, 237) }
```

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

```
.border{ border-color:rgb(107, 206, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 206, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 206, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 206, 237);  
box-shadow:4px 4px 4px 4px rgb(107, 206,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3828, 0.2348, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 206, 237) }
```

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

```
.background{ background-color: rgb(107,  
206, 237) }
```

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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