

Converting Colors

Yxy(53.4784, 0.2739, 0.2922)

Have a look what the booklet for
Yxy(53.4784, 0.2739, 0.2922)
contains.

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Color

Yxy(53.6288, 0.2738, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	ABC4E2
RGB	171, 196, 226
RGB Percent	67%, 77%, 89%
CMY	0.3296, 0.2313, 0.1137
CMYK	0.24, 0.13, 0.00, 0.11
HSL	213°, 49%, 78%
HSV	213°, 24%, 89%
XYZ	50.2518, 53.6288, 79.6540
YIQ	191.9450, -24.5300, 4.0300

Conversions

Conversions Part 2

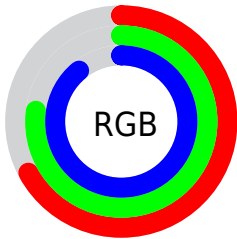
Format	Color
R _Y B	171, 188, 226
Decimal	11257058
CIE Lab	78.24, -1.92, -17.72
CIE LCh	78, 17.823, 263.803
Yxy	53.6288, 0.2738, 0.2922
Android (android.graphics.Color)	4289447138 (0xFFABC4E2)
YUV	191.9450, 16.7891, -18.3688
Hunter-Lab	73.2317, -5.6683, -13.2275

Details

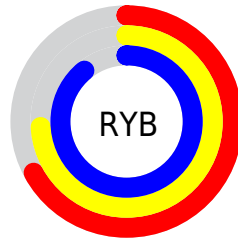
The Yxy color **53.6288, 0.2738, 0.2922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.8432, 0.3556, 0.3632**, and the grayscale version is **52.5849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8015, 0.2958, 0.3270**, and **26.1378, 0.2636, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **45.9809, 0.2570, 0.2743**, and if you desaturate by 10%, it is **62.1703, 0.2902, 0.3085**.

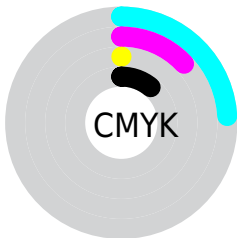
Distribution



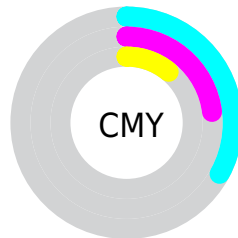
- Red (67%)
- Green (77%)
- Blue (89%)



- Red (67%)
- Yellow (74%)
- Blue (89%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6288, 0.2738, 0.2922 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 53.6288, 0.2738, 0.2922 by changing the saturation by 10% instead.

■ 53.6288, 0.2738,
0.2922

■ 53.6288, 0.2738,
0.2922

400.6929, 0.2926,
0.3101

■ 38.3050, 0.2693,
0.2879

■ 95.5290, 0.2805,
0.2986

■ 26.2195, 0.2637,
0.2825

122.8742, 0.2830,
0.3010

■ 16.9879, 0.2564,
0.2755

154.9952, 0.2852,
0.3031

■ 10.2259, 0.2466,
0.2660

192.2766, 0.2871,
0.3049

■ 5.5490, 0.2329,
0.2526

235.1027, 0.2887,
0.3064

■ 2.5728, 0.2122,
0.2322

283.8578, 0.2902,

■ 0.9130, 0.1782,

0.3078

0.1983

338.9264, 0.2914,
0.3090

0.0000, 0.0000,
0.0000

53.6288, 0.2738,
0.2922

53.6288, 0.2738,
0.2922

45.9809, 0.2570,
0.2743

62.1703, 0.2902,
0.3085

39.1871, 0.2403,
0.2550

71.6298, 0.3061,
0.3231

33.2143, 0.2242,
0.2345

82.0389, 0.3211,
0.3362

28.0242, 0.2091,
0.2132

92.2031, 0.3309,
0.3479

23.5749, 0.1958,
0.1919

98.2710, 0.3298,
0.3572

■ 19.8188, 0.1848,
0.1710

■ 16.7004, 0.1764,
0.1514

■ 15.1800, 0.1725,
0.1410

Harmonies

Analogous

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



53.6288, 0.2676, 0.3046



53.6288, 0.2738, 0.2922



53.6288, 0.2902, 0.2896

Triad

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



53.6288, 0.2738, 0.2922



53.6288, 0.3542, 0.3311



53.6288, 0.3109, 0.3645

Complementary

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



53.6288, 0.2738, 0.2922



60.8432, 0.3556, 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.



53.6288, 0.3344, 0.3712



53.6288, 0.2738, 0.2922



53.6288, 0.3600, 0.3508

Square

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



53.6288, 0.2738, 0.2922



53.6288, 0.3367, 0.3117



53.6288, 0.3526, 0.3658



53.6288, 0.2885, 0.3470

Rectangle

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



53.6288, 0.2738, 0.2922



53.6288, 0.3051, 0.2934



53.6288, 0.3526, 0.3658



53.6288, 0.3190, 0.3681

Sweetspot

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



53.6310, 0.2738, 0.2922



90.7251, 0.3019, 0.3194



67.2287, 0.2917, 0.3603



19.2539, 0.3009, 0.3185



0.0000, 0.0000, 0.0000



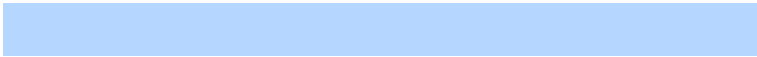
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6310, 0.2738, 0.2922



65.5153, 0.2657, 0.2838



43.4527, 0.2725, 0.2604



14.2666, 0.2981, 0.3159



8.8911, 0.1733, 0.1439



0.7936, 0.1815, 0.1733

Inverse Universe

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



49.2584, 0.3409, 0.3005



59.2207, 0.3482, 0.2945



73.2048, 0.3480, 0.3900



13.8039, 0.3221, 0.3184



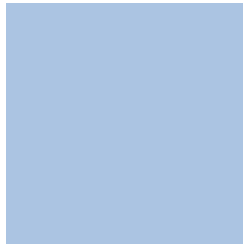
9.8056, 0.5140, 0.2605



0.6976, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 53.6288, 0.2738, 0.2922 looks on a white background.

Color Contrast Check

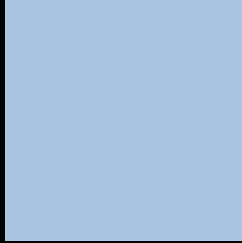
Large Text (above 18pt) WCAG AA × Fail

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 53.6288, 0.2738, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

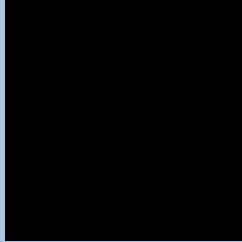
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

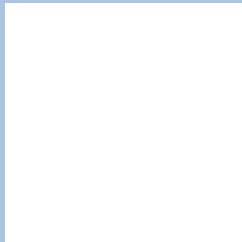
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6288, 0.2738, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 53.6288, 0.2738, 0.2922.



This preview shows how white text looks on a background with the Yxy color 53.6288, 0.2738, 0.2922.

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

53.6288, 0.2738, 0.2922

Protanopia

53.7184, 0.2875, 0.2919

Deuteranopia

53.5987, 0.2892, 0.2833



Tritanopia

53.5680, 0.2795, 0.3088

Trichromacy



Original Color

53.6288, 0.2738, 0.2922

Protanomaly

53.4668, 0.2825, 0.2915

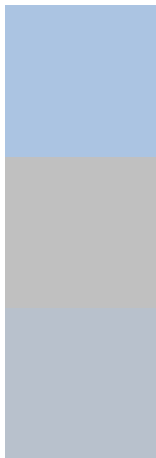
Deuteranomaly

53.6844, 0.2834, 0.2872

Tritanomaly

53.4295, 0.2776, 0.3028

Monochromacy



Original Color

53.6288, 0.2738, 0.2922

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6899, 0.2976, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6288, 0.2738, 0.2922 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, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 226)  
}
```

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, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.6288, 0.2738, 0.2922 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, 196, 226) }
```

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

```
.border{ border-color:rgb(171, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 196, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 196, 226); box-shadow:4px 4px 4px 4px rgb(171, 196, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6288, 0.2738, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 226) }
```

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

```
.background{ background-color: rgb(171,  
196, 226) }
```

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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