

Converting Colors

$Yxy(53.6996, 0.2656, 0.2890)$

Have a look what the booklet for
Yxy(53.6996, 0.2656, 0.2890)
contains.

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Color

Yxy(53.7827, 0.2658, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	A2C6E6
RGB	162, 198, 230
RGB Percent	64%, 78%, 90%
CMY	0.3645, 0.2235, 0.0982
CMYK	0.30, 0.14, 0.00, 0.10
HSL	208°, 58%, 77%
HSV	208°, 30%, 90%
XYZ	49.3798, 53.7827, 82.6154
YIQ	190.8840, -31.7280, 2.3200

Conversions

Conversions Part 2

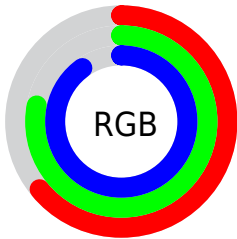
Format	Color
RYB	162, 186, 230
Decimal	10667750
CIELab	78.33, -4.66, -19.77
CIELCh	78, 20.313, 256.725
Yxy	53.7827, 0.2658, 0.2895
Android (android.graphics.Color)	4288857830 (0xFFA2C6E6)
YUV	190.8840, 19.2842, -25.3313
Hunter-Lab	73.3367, -8.1499, -15.4558

Details

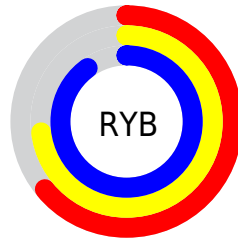
The Yxy color **53.7827, 0.2658, 0.2895** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.0172, 0.3681, 0.3654**, and the grayscale version is **51.9344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **26.1907, 0.2536, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **46.8193, 0.2497, 0.2735**, and if you desaturate by 10%, it is **61.5445, 0.2820, 0.3042**.

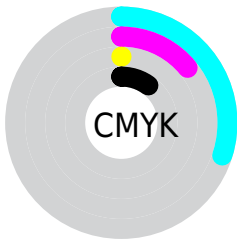
Distribution



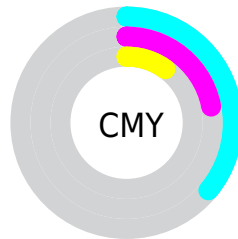
- Red (64%)
- Green (78%)
- Blue (90%)



- Red (64%)
- Yellow (73%)
- Blue (90%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7827, 0.2658, 0.2895 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 53.7827, 0.2658, 0.2895 by changing the saturation by 10% instead.

■ 53.7827, 0.2658,
0.2895

■ 53.7827, 0.2658,
0.2895

401.2808, 0.2883,
0.3088

■ 38.4280, 0.2605,
0.2849

■ 95.7551, 0.2738,
0.2964

■ 26.3150, 0.2538,
0.2790

■ 123.1416, 0.2768,
0.2990

■ 17.0595, 0.2452,
0.2714

155.3074, 0.2794,
0.3012

■ 10.2769, 0.2337,
0.2612

192.6370, 0.2817,
0.3031

■ 5.5829, 0.2177,
0.2467

235.5147, 0.2837,
0.3048

■ 2.5932, 0.1941,
0.2248

284.3250, 0.2854,

■ 0.9232, 0.1561,

0.3063

0.1889

339.4523, 0.2870,
0.3076

0.0000, 0.0000,
0.0000

53.7827, 0.2658,
0.2895

53.7827, 0.2658,
0.2895

46.8193, 0.2497,
0.2735

61.5445, 0.2820,
0.3042

40.6163, 0.2341,
0.2564

70.1274, 0.2980,
0.3176

35.1422, 0.2195,
0.2384

79.5613, 0.3134,
0.3295

30.3597, 0.2063,
0.2199

89.8724, 0.3282,
0.3402

26.2272, 0.1952,
0.2014

96.6654, 0.3277,
0.3505

■ 22.6967, 0.1863,
0.1834

■ 98.4913, 0.3274,
0.3533

■ 19.6944, 0.1796,
0.1662

■ 19.5639, 0.1793,
0.1654

Harmonies

Analogous

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



53.7827, 0.2618, 0.3058



53.7827, 0.2658, 0.2895



53.7827, 0.2818, 0.2841

Triad

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



53.7827, 0.2658, 0.2895



53.7827, 0.3563, 0.3258



53.7827, 0.3170, 0.3727

Complementary

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



53.7827, 0.2658, 0.2895



58.0172, 0.3681, 0.3654

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.



53.7827, 0.3430, 0.3769



53.7827, 0.2658, 0.2895



53.7827, 0.3664, 0.3485

Square

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



53.7827, 0.2658, 0.2895



53.7827, 0.3340, 0.3048



53.7827, 0.3614, 0.3674



53.7827, 0.2906, 0.3551

Rectangle

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



53.7827, 0.2658, 0.2895



53.7827, 0.2977, 0.2867



53.7827, 0.3614, 0.3674



53.7827, 0.3261, 0.3758

Sweetspot

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



53.7848, 0.2658, 0.2895



89.2049, 0.2987, 0.3182



68.1443, 0.2902, 0.3738



18.7379, 0.2964, 0.3163



0.0000, 0.0000, 0.0000



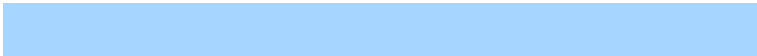
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7848, 0.2658, 0.2895



62.8851, 0.2566, 0.2806



40.0594, 0.2610, 0.2459



15.1438, 0.2981, 0.3177



11.3267, 0.1800, 0.1681



1.0227, 0.1871, 0.1934

Inverse Universe

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



46.7513, 0.3441, 0.2886



53.2454, 0.3522, 0.2806



74.7506, 0.3579, 0.4004



14.4949, 0.3210, 0.3166



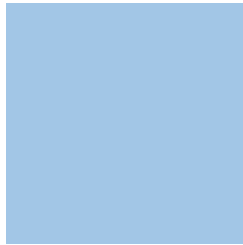
10.3411, 0.4830, 0.2434



0.7829, 0.4529, 0.2268

Previews

White Background



This preview shows how the Yxy color 53.7827, 0.2658, 0.2895 looks on a white background.

Color Contrast Check

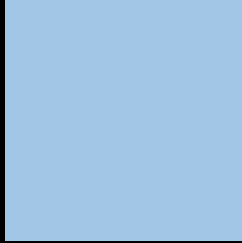
Large Text (above 18pt) WCAG AA × Fail

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 53.7827, 0.2658, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

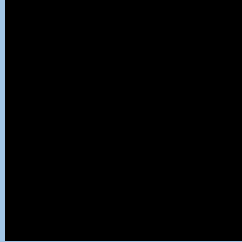
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

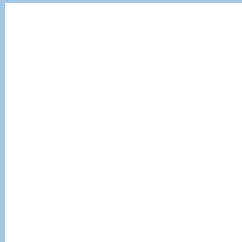
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7827, 0.2658, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 53.7827, 0.2658, 0.2895.



This preview shows how white text looks on a background with the Yxy color 53.7827, 0.2658, 0.2895.

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

53.7827, 0.2658, 0.2895

Protanopia

53.7551, 0.2848, 0.2885

Deuteranopia

53.5588, 0.2850, 0.2788



Tritanopia

53.6373, 0.2724, 0.3086

Trichromacy



Original Color

53.7827, 0.2658, 0.2895

Protanomaly

53.5946, 0.2778, 0.2891

Deuteranomaly

53.4139, 0.2779, 0.2824

Tritanomaly

53.5409, 0.2699, 0.3013

Monochromacy



Original Color

53.7827, 0.2658, 0.2895

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6946, 0.2939, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7827, 0.2658, 0.2895 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(162, 198, 230)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 230)  
}
```

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(162, 198, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.7827, 0.2658, 0.2895 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(162, 198, 230) }
```

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

```
.border{ border-color:rgb(162, 198, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 230);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7827, 0.2658, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 230) }
```

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

```
.background{ background-color: rgb(162,  
198, 230) }
```

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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