

Converting Colors

Yxy(60.4853, 0.2726, 0.3059)

Have a look what the booklet for
Yxy(60.4853, 0.2726, 0.3059)
contains.

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Color

Yxy(60.3524, 0.2724, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	AAD2E6
RGB	170, 210, 230
RGB Percent	67%, 82%, 90%
CMY	0.3330, 0.1765, 0.0980
CMYK	0.26, 0.09, 0.00, 0.10
HSL	200°, 55%, 78%
HSV	200°, 26%, 90%
XYZ	53.9193, 60.3524, 83.6699
YIQ	200.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

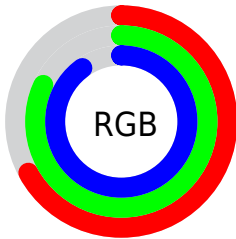
Format	Color
R _Y B	170, 194, 230
Decimal	11195110
CIE Lab	82.03, -8.63, -14.17
CIE LCh	82, 16.594, 238.660
Yxy	60.3524, 0.2724, 0.3049
Android (android.graphics.Color)	4289385190 (0xFFAAD2E6)
YUV	200.3200, 14.6322, -26.5906
Hunter-Lab	77.6868, -12.0622, -9.4755

Details

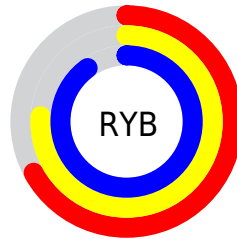
The Yxy color **60.3524, 0.2724, 0.3049** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5958, 0.3626, 0.3519**, and the grayscale version is **57.8981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **30.5459, 0.2626, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **54.3078, 0.2573, 0.2941**, and if you desaturate by 10%, it is **67.0324, 0.2879, 0.3149**.

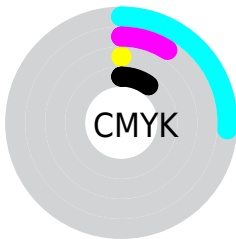
Distribution



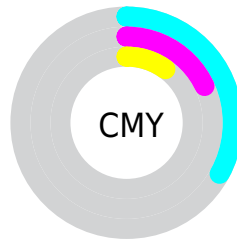
- Red (67%)
- Green (82%)
- Blue (90%)



- Red (67%)
- Yellow (76%)
- Blue (90%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (33%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3524, 0.2724, 0.3049 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 60.3524, 0.2724, 0.3049 by changing the saturation by 10% instead.

■ 60.3524, 0.2724,
0.3049

■ 60.3524, 0.2724,
0.3049

425.8955, 0.2914,
0.3166

■ 43.7027, 0.2680,
0.3021

■ 105.3407, 0.2791,
0.3091

■ 30.4369, 0.2625,
0.2985

134.4481, 0.2816,
0.3107

■ 20.1704, 0.2554,
0.2939

168.4769, 0.2838,
0.3120

■ 12.5190, 0.2461,
0.2877

207.8115, 0.2858,
0.3132

■ 7.0982, 0.2333,
0.2789

252.8363, 0.2874,
0.3142

■ 3.5236, 0.2145,
0.2655

303.9356, 0.2889,

■ 1.4108, 0.1849,

0.3151

0.2429

361.4939, 0.2902,
0.3159

0.2247, 0.0019,
0.1509

0.0000, 0.0000,
0.0000

60.3524, 0.2724,
0.3049

60.3524, 0.2724,
0.3049

54.3078, 0.2573,
0.2941

67.0324, 0.2879,
0.3149

48.8655, 0.2430,
0.2825

74.3647, 0.3034,
0.3239

43.9999, 0.2298,
0.2703

82.3744, 0.3187,
0.3321

39.6802, 0.2182,
0.2576

89.7154, 0.3289,
0.3396

■ 35.8717, 0.2083,
0.2447

■ 94.3527, 0.3281,
0.3470

■ 32.5347, 0.2005,
0.2318

■ 98.4932, 0.3274,
0.3532

■ 29.6200, 0.1948,
0.2192

■ 28.5546, 0.1929,
0.2142

Harmonies

Analogous

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



60.3524, 0.2755, 0.3220



60.3524, 0.2724, 0.3049



60.3524, 0.2796, 0.2950

Triad

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



60.3524, 0.2724, 0.3049



60.3524, 0.3373, 0.3161



60.3524, 0.3290, 0.3665

Complementary

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



60.3524, 0.2724, 0.3049



56.5958, 0.3626, 0.3519

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.



60.3524, 0.3464, 0.3634



60.3524, 0.2724, 0.3049



60.3524, 0.3514, 0.3340

Square

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



60.3524, 0.2724, 0.3049



60.3524, 0.3167, 0.3018



60.3524, 0.3547, 0.3512



60.3524, 0.3077, 0.3586

Rectangle

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



60.3524, 0.2724, 0.3049



60.3524, 0.2895, 0.2934



60.3524, 0.3547, 0.3512



60.3524, 0.3355, 0.3666

Sweetspot

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



60.3548, 0.2724, 0.3049



92.0636, 0.3003, 0.3222



68.8691, 0.2974, 0.3779



19.3992, 0.2980, 0.3209



0.0000, 0.0000, 0.0000



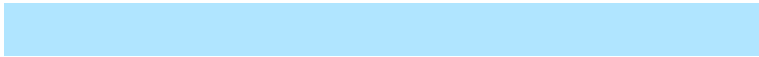
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3548, 0.2724, 0.3049



72.2602, 0.2646, 0.2995



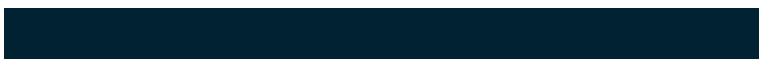
46.9374, 0.2689, 0.2673



15.4828, 0.2981, 0.3210



16.3997, 0.1934, 0.2162



1.3811, 0.1985, 0.2346

Inverse Universe

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



50.2548, 0.3324, 0.2848



57.9257, 0.3373, 0.2758



70.9222, 0.3546, 0.3839



14.5291, 0.3189, 0.3135



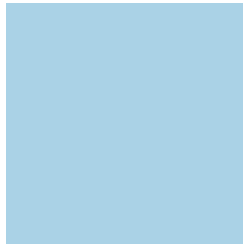
10.8533, 0.4273, 0.2128



0.8191, 0.4078, 0.2020

Previews

White Background



This preview shows how the Yxy color 60.3524, 0.2724, 0.3049 looks on a white background.

Color Contrast Check

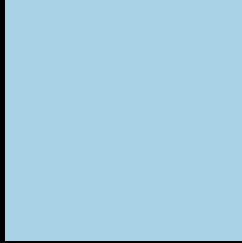
Large Text (above 18pt) WCAG AA × Fail

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 60.3524, 0.2724, 0.3049 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 60.3524, 0.2724, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 60.3524, 0.2724, 0.3049.



This preview shows how white text looks on a background with the Yxy color 60.3524, 0.2724, 0.3049.

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

60.3524, 0.2724, 0.3049

Protanopia

60.0948, 0.2960, 0.3025

Deuteranopia

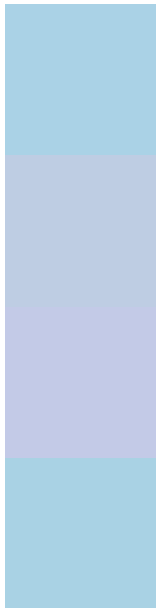
59.9160, 0.2979, 0.2910



Tritanopia

60.0743, 0.2735, 0.3084

Trichromacy



Original Color

60.3524, 0.2724, 0.3049

Protanomaly

60.1558, 0.2870, 0.3032

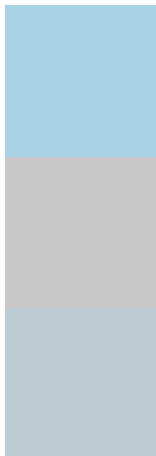
Deuteranomaly

59.6127, 0.2878, 0.2955

Tritanomaly

60.1296, 0.2729, 0.3072

Monochromacy



Original Color

60.3524, 0.2724, 0.3049

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7077, 0.2967, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3524, 0.2724, 0.3049 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(170, 210, 230)` looks like.

```
.text, #text, p{  
    color:rgb(170, 210, 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(170, 210, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 210, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.3524, 0.2724, 0.3049 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(170, 210, 230) }
```

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

```
.border{ border-color:rgb(170, 210, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 210, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 210, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 210, 230);  
box-shadow:4px 4px 4px 4px rgb(170, 210,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3524, 0.2724, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 210, 230) }
```

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

```
.background{ background-color: rgb(170,  
210, 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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