

Converting Colors

Yxy(65.9420, 0.3049, 0.2965)

Have a look what the booklet for
Yxy(65.9420, 0.3049, 0.2965)
contains.

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Color

Yxy(66.0460, 0.3054, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEEC
RGB	224, 206, 236
RGB Percent	88%, 81%, 93%
CMY	0.1214, 0.1922, 0.0745
CMYK	0.05, 0.13, 0.00, 0.07
HSL	276°, 44%, 87%
HSV	276°, 13%, 93%
XYZ	67.9597, 66.0460, 88.5212
YIQ	214.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

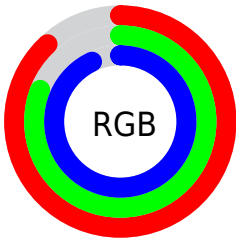
Format	Color
R_{YB}	224, 206, 236
Decimal	14733036
CIE _{Lab}	85.02, 11.67, -12.49
CIE _{LCh}	85, 17.096, 313.060
Yxy	66.0460, 0.3054, 0.2968
Android (android.graphics.Color)	4292923116 (0xFFE0CEEC)
YUV	214.8020, 10.4506, 8.0666
Hunter-Lab	81.2687, 7.0478, -7.6930

Details

The Yxy color **66.0460, 0.3054, 0.2968** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3448, 0.3192, 0.3617**, and the grayscale version is **67.7459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1868, 0.3039, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **54.0643, 0.2985, 0.2696**, and if you desaturate by 10%, it is **79.8225, 0.3113, 0.3224**.

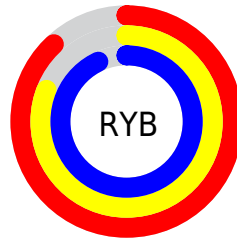
Distribution



Red (88%)

Green (81%)

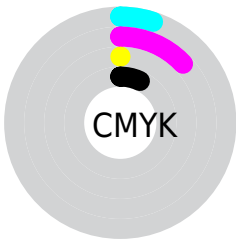
Blue (93%)



Red (88%)

Yellow (81%)

Blue (93%)

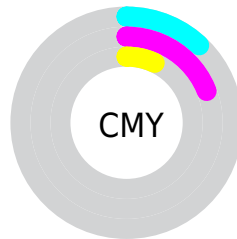


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0460, 0.3054, 0.2968 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 66.0460, 0.3054, 0.2968 by changing the saturation by 10% instead.

66.0460, 0.3054,
0.2968

66.0460, 0.3054,
0.2968

446.5414, 0.3090,
0.3116

48.3097, 0.3045,
0.2934

113.5524, 0.3067,
0.3019

34.0722, 0.3035,
0.2893

144.0912, 0.3072,
0.3039

22.9491, 0.3020,
0.2840

179.6665, 0.3076,
0.3057

14.5559, 0.3002,
0.2772

220.6624, 0.3079,
0.3072

8.5083, 0.2975,
0.2680

267.4635, 0.3082,
0.3085

4.4219, 0.2933,
0.2548

320.4541, 0.3085,

1.9123, 0.2864,

0.3096

0.2344

380.0186, 0.3088,
0.3107

0.5557, 0.2762,
0.1888

0.0000, 0.0000,
0.0000

66.0460, 0.3054,
0.2968

66.0460, 0.3054,
0.2968

54.0643, 0.2985,
0.2696

79.8225, 0.3113,
0.3224

43.7918, 0.2905,
0.2412

95.4577, 0.3162,
0.3460

35.1485, 0.2814,
0.2125

98.3206, 0.3221,
0.3474

28.0445, 0.2715,
0.1847

98.8361, 0.3238,
0.3473

■ 22.3808, 0.2609,
0.1589

■ 18.0467, 0.2500,
0.1365

■ 14.9145, 0.2393,
0.1187

■ 12.8305, 0.2291,
0.1061

■ 11.7989, 0.2221,
0.0997

Harmonies

Analogous

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



66.0460, 0.2864, 0.2934



66.0460, 0.3054, 0.2968



66.0460, 0.3270, 0.3080

Triad

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



66.0460, 0.3054, 0.2968



66.0460, 0.3521, 0.3580



66.0460, 0.2811, 0.3324

Complementary

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



66.0460, 0.3054, 0.2968



79.3448, 0.3192, 0.3617

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.



66.0460, 0.2978, 0.3514



66.0460, 0.3054, 0.2968



66.0460, 0.3389, 0.3662

Square

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



66.0460, 0.3054, 0.2968



66.0460, 0.3545, 0.3426



66.0460, 0.3189, 0.3640



66.0460, 0.2727, 0.3131

Rectangle

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



66.0460, 0.3054, 0.2968



66.0460, 0.3399, 0.3186



66.0460, 0.3189, 0.3640



66.0460, 0.2859, 0.3391

Sweetspot

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



66.0488, 0.3054, 0.2968



92.9007, 0.3106, 0.3192



69.3176, 0.2928, 0.3091



19.6074, 0.3102, 0.3173



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.



66.0488, 0.3054, 0.2968



75.1985, 0.3039, 0.2905



67.8554, 0.3163, 0.3007



14.9969, 0.3074, 0.3053



6.5811, 0.2236, 0.1005



0.5724, 0.2368, 0.1078

Inverse Universe

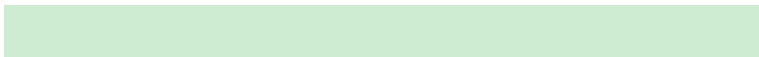
The Inverse Universe completely reimagines the original color for something new.



67.0320, 0.3270, 0.3163



76.5831, 0.3301, 0.3138



77.7143, 0.3093, 0.3590



15.1536, 0.3230, 0.3196



10.3001, 0.5380, 0.2737



0.8273, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 66.0460, 0.3054, 0.2968 looks on a white background.

Color Contrast Check

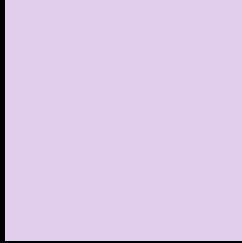
Large Text (above 18pt) WCAG AA × Fail

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 66.0460, 0.3054, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

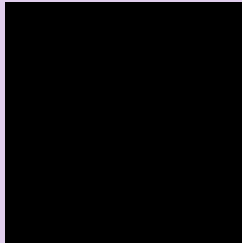
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

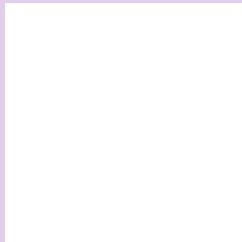
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0460, 0.3054, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 66.0460, 0.3054, 0.2968.



This preview shows how white text looks on a background with the Yxy color 66.0460, 0.3054, 0.2968.

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

66.0460, 0.3054, 0.2968

Protanopia

66.2304, 0.2921, 0.2981

Deuteranopia

66.2114, 0.3039, 0.2978



Tritanopia

66.0232, 0.3120, 0.3115

Trichromacy



Original Color

66.0460, 0.3054, 0.2968

Protanomaly

66.0701, 0.2969, 0.2973

Deuteranomaly

66.3698, 0.3046, 0.2978

Tritanomaly

65.9151, 0.3101, 0.3062

Monochromacy



Original Color

66.0460, 0.3054, 0.2968

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3201, 0.3096, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0460, 0.3054, 0.2968 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(224, 206, 236)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 236)  
}
```

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(224, 206, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 236) }
```

Border

The CSS property to change the border of an element to Yxy 66.0460, 0.3054, 0.2968 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(224, 206, 236) }
```

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

```
.border{ border-color:rgb(224, 206, 236) }
```

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

Here you see how a box with a 4 pixel rgb(224, 206, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 236);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0460, 0.3054, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 236) }
```

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

```
.background{ background-color: rgb(224,  
206, 236) }
```

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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