

Converting Colors

$Y_{xy}(77.5134, 0.3030, 0.3084)$

Have a look what the booklet for
Yxy(77.5134, 0.3030, 0.3084)
contains.

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Color

Yxy(77.2660, 0.3034, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1F5
RGB	230, 225, 245
RGB Percent	90%, 88%, 96%
CMY	0.0981, 0.1176, 0.0391
CMYK	0.06, 0.08, 0.00, 0.04
HSL	255°, 50%, 92%
HSV	255°, 8%, 96%
XYZ	76.0380, 77.2660, 97.3156
YIQ	228.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

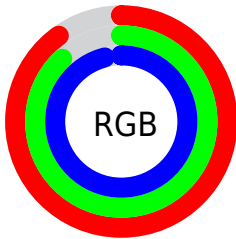
Format	Color
R _Y B	230, 225, 245
Decimal	15131125
CIE Lab	90.44, 5.35, -9.13
CIE LCh	90, 10.579, 300.377
Yxy	77.2660, 0.3034, 0.3083
Android (android.graphics.Color)	4293321205 (0xFFE6E1F5)
YUV	228.7750, 7.9989, 1.0743
Hunter-Lab	87.9011, 0.5828, -4.1094

Details

The Yxy color `77.2660, 0.3034, 0.3083` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89.2957, 0.3216, 0.3493`, and the grayscale version is `78.1237, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.4222, 0.3007, 0.3036` is the 20% darker color. If you saturate the color by 10%, you get `62.0694, 0.2904, 0.2804`, and if you desaturate by 10%, it is `94.6923, 0.3146, 0.3334`.

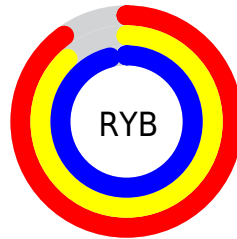
Distribution



Red (90%)

Green (88%)

Blue (96%)



Red (90%)

Yellow (88%)

Blue (96%)

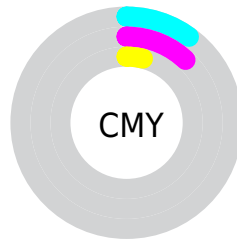


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2660, 0.3034, 0.3083 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 77.2660, 0.3034, 0.3083 by changing the saturation by 10% instead.

■ 77.2660, 0.3034,
0.3083

■ 77.2660, 0.3034,
0.3083

485.6705, 0.3077,
0.3177

■ 57.4712, 0.3024,
0.3062

129.5149, 0.3049,
0.3115

■ 41.3837, 0.3012,
0.3036

162.7378, 0.3055,
0.3128

■ 28.6190, 0.2997,
0.3004

201.2055, 0.3060,
0.3139

■ 18.7928, 0.2977,
0.2963

245.3025, 0.3064,
0.3148

■ 11.5207, 0.2950,
0.2908

295.4131, 0.3068,
0.3157

■ 6.4182, 0.2911,
0.2830

351.9217, 0.3071,

■ 3.1010, 0.2851,

0.3164

0.2713

415.2127, 0.3074,
0.3171

■ 1.1847, 0.2745,
0.2517

■ 0.0491, 0.1931,
0.0535

■ 77.2660, 0.3034,
0.3083

■ 77.2660, 0.3034,
0.3083

■ 62.0694, 0.2904,
0.2804

■ 94.6923, 0.3146,
0.3334

■ 49.0020, 0.2756,
0.2499

■ 99.3744, 0.3185,
0.3386

■ 37.9704, 0.2592,
0.2175

■ 28.8702, 0.2415,
0.1842

■ 21.5875, 0.2232,
0.1518

■ 15.9964, 0.2053,
0.1221

■ 11.9543, 0.1888,
0.0975

■ 9.2942, 0.1750,
0.0795

■ 7.7884, 0.1646,
0.0687

Harmonies

Analogous

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



77.2660, 0.2936, 0.3087



77.2660, 0.3034, 0.3083



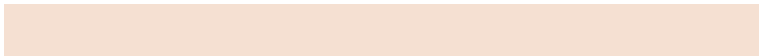
77.2660, 0.3159, 0.3132

Triad

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



77.2660, 0.3034, 0.3083



77.2660, 0.3372, 0.3429



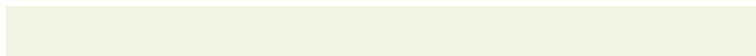
77.2660, 0.2978, 0.3360

Complementary

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



77.2660, 0.3034, 0.3083



89.2957, 0.3216, 0.3493

Split Complementary

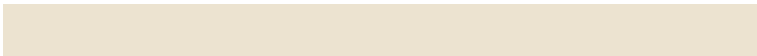
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2660, 0.3092, 0.3457



77.2660, 0.3034, 0.3083



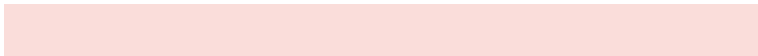
77.2660, 0.3320, 0.3495

Square

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



77.2660, 0.3034, 0.3083



77.2660, 0.3356, 0.3328



77.2660, 0.3217, 0.3506



77.2660, 0.2904, 0.3245

Rectangle

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



77.2660, 0.3034, 0.3083



77.2660, 0.3241, 0.3187



77.2660, 0.3217, 0.3506



77.2660, 0.3012, 0.3396

Sweetspot

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



77.2693, 0.3034, 0.3083



96.0692, 0.3105, 0.3241



85.1350, 0.3001, 0.3242



20.6039, 0.3106, 0.3243



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.



77.2693, 0.3034, 0.3083



81.3396, 0.3011, 0.3034



78.9210, 0.3100, 0.3087



16.1254, 0.3018, 0.3048



4.1374, 0.1643, 0.0679



0.4101, 0.1765, 0.0746

Inverse Universe

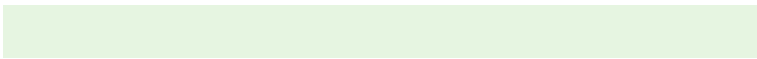
The Inverse Universe completely reimagines the original color for something new.



79.5680, 0.3169, 0.3139



84.3947, 0.3179, 0.3104



87.6406, 0.3152, 0.3497



16.6939, 0.3176, 0.3114



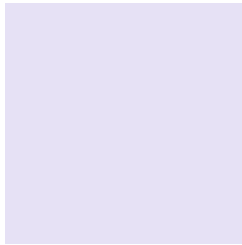
12.3495, 0.3957, 0.1954



1.1017, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 77.2660, 0.3034, 0.3083 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 77.2660, 0.3034, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

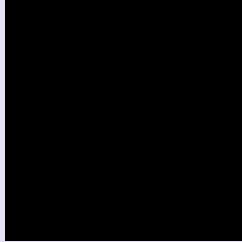
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2660, 0.3034, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 77.2660, 0.3034, 0.3083.



This preview shows how white text looks on a background with the Yxy color 77.2660, 0.3034, 0.3083.

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

77.2660, 0.3034, 0.3083

Protanopia

77.2153, 0.3001, 0.3082

Deuteranopia

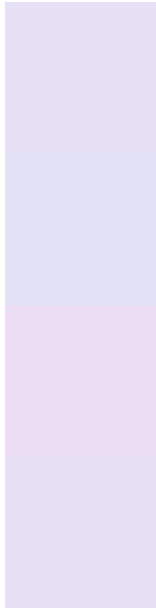
77.0675, 0.3104, 0.3037



Tritanopia

77.1445, 0.3047, 0.3103

Trichromacy



Original Color

77.2660, 0.3034, 0.3083

Protanomaly

77.3774, 0.3008, 0.3082

Deuteranomaly

76.9009, 0.3076, 0.3045

Tritanomaly

77.2051, 0.3041, 0.3093

Monochromacy



Original Color

77.2660, 0.3034, 0.3083

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1430, 0.3090, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2660, 0.3034, 0.3083 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(230, 225, 245)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 245)  
}
```

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(230, 225, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 245) }
```

Border

The CSS property to change the border of an element to Yxy 77.2660, 0.3034, 0.3083 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(230, 225, 245) }
```

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

```
.border{ border-color:rgb(230, 225, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 245);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2660, 0.3034, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 245) }
```

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

```
.background{ background-color: rgb(230,  
225, 245) }
```

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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