

Converting Colors

$Yxy(66.6850, 0.3043, 0.2752)$

Have a look what the booklet for
Yxy(66.6850, 0.3043, 0.2752)
contains.

Yxy(66.5775, 0.3042, 0.2750)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.5775, 0.3042, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	EEC8FD
RGB	238, 200, 253
RGB Percent	93%, 78%, 99%
CMY	0.0666, 0.2157, 0.0079
CMYK	0.06, 0.21, 0.00, 0.01
HSL	283°, 93%, 89%
HSV	283°, 21%, 99%
XYZ	73.6468, 66.5775, 101.8757
YIQ	217.4040, 5.6350, 24.5390

Conversions

Conversions Part 2

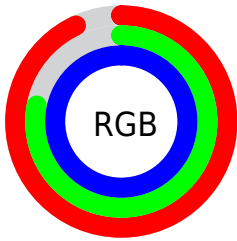
Format	Color
R _Y B	238, 200, 253
Decimal	15649021
CIE Lab	85.29, 22.65, -20.98
CIE LCh	85, 30.869, 317.194
Yxy	66.5775, 0.3042, 0.2750
Android (android.graphics.Color)	4293839101 (0xFFEEC8FD)
YUV	217.4040, 17.5488, 18.0627
Hunter-Lab	81.5950, 18.3209, -16.9101

Details

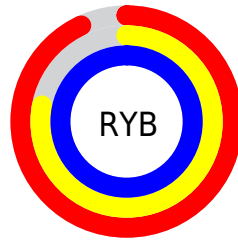
The Yxy color $66.5775, 0.3042, 0.2750$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.8438, 0.3194, 0.3858$, and the grayscale version is $69.5567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.4884, 0.3022, 0.2636$ is the 20% darker color. If you saturate the color by 10%, you get $54.6048, 0.2990, 0.2476$, and if you desaturate by 10%, it is $80.5435, 0.3087, 0.3016$.

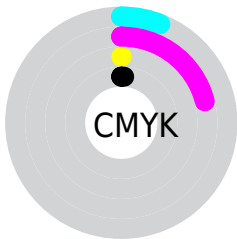
Distribution



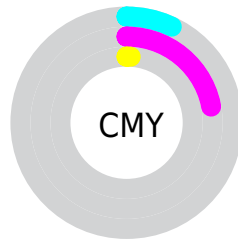
- Red (93%)
- Green (78%)
- Blue (99%)



- Red (93%)
- Yellow (78%)
- Blue (99%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (22%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5775, 0.3042, 0.2750 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 66.5775, 0.3042, 0.2750 by changing the saturation by 10% instead.


 66.5775, 0.3042,
0.2750

 66.5775, 0.3042,
0.2750


448.4394, 0.3086,
0.2993

 48.7414, 0.3031,
0.2696


114.3148, 0.3058,
0.2833

 34.4143, 0.3017,
0.2631


144.9847, 0.3064,
0.2866

 23.2121, 0.2999,
0.2549


180.7014, 0.3069,
0.2894

 14.7502, 0.2974,
0.2444

221.8492, 0.3073,
0.2919

 8.6443, 0.2937,
0.2307

268.8125, 0.3077,
0.2941

 4.5099, 0.2882,
0.2117

321.9757, 0.3080,


 1.9627, 0.2788,

0.2960


0.1841

381.7232, 0.3083,
0.2977


 0.5857, 0.2626,
0.1350


 0.0000, 0.0599,
0.0000


 66.5775, 0.3042,
0.2750


 66.5775, 0.3042,
0.2750


 54.6048, 0.2990,
0.2476

 80.5435, 0.3087,
0.3016

 44.5210, 0.2929,
0.2203

 96.5834, 0.3124,
0.3267

 36.2250, 0.2862,
0.1940

 99.8703, 0.3139,
0.3309

 29.6027, 0.2789,
0.1699

■ 24.5267, 0.2712,
0.1492

■ 20.8506, 0.2634,
0.1328

■ 18.3991, 0.2558,
0.1214

■ 16.9863, 0.2492,
0.1147

Harmonies

Analogous

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



66.5775, 0.2697, 0.2667



66.5775, 0.3042, 0.2750



66.5775, 0.3432, 0.2956

Triad

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



66.5775, 0.3042, 0.2750



66.5775, 0.3811, 0.3827



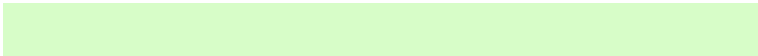
66.5775, 0.2536, 0.3290

Complementary

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



66.5775, 0.3042, 0.2750



88.8438, 0.3194, 0.3858

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.



66.5775, 0.2807, 0.3659



66.5775, 0.3042, 0.2750



66.5775, 0.3544, 0.3973

Square

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



66.5775, 0.3042, 0.2750



66.5775, 0.3891, 0.3556



66.5775, 0.3175, 0.3919



66.5775, 0.2419, 0.2950

Rectangle

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



66.5775, 0.3042, 0.2750



66.5775, 0.3660, 0.3142



66.5775, 0.3175, 0.3919



66.5775, 0.2611, 0.3417

Sweetspot

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



66.5803, 0.3042, 0.2750



89.8141, 0.3106, 0.3142



67.9749, 0.2786, 0.2876



18.9967, 0.3104, 0.3125



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.



66.5803, 0.3042, 0.2750



62.5975, 0.3022, 0.2639



68.5667, 0.3234, 0.2876



18.0277, 0.3092, 0.3053



9.1153, 0.2504, 0.1153



0.9427, 0.2587, 0.1199

Inverse Universe

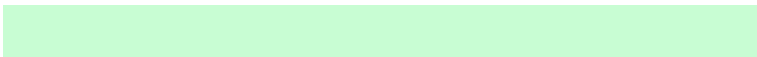
The Inverse Universe completely reimagines the original color for something new.



67.0897, 0.3433, 0.3137



63.2460, 0.3510, 0.3106



87.2411, 0.3036, 0.3743



18.0713, 0.3250, 0.3223



11.3748, 0.5831, 0.2986



1.1253, 0.5511, 0.2810

Previews

White Background



This preview shows how the Yxy color 66.5775, 0.3042, 0.2750 looks on a white background.

Color Contrast Check

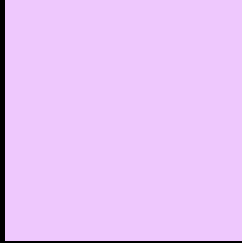
Large Text (above 18pt) WCAG AA × Fail

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 66.5775, 0.3042, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

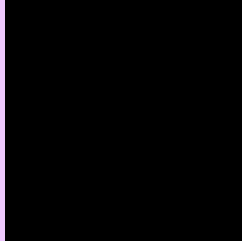
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5775, 0.3042, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 66.5775, 0.3042, 0.2750.

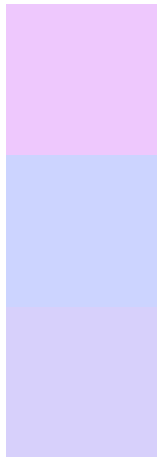


This preview shows how white text looks on a background with the Yxy color 66.5775, 0.3042, 0.2750.

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

66.5775, 0.3042, 0.2750

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

66.5239, 0.2893, 0.2830



Tritanopia

66.7402, 0.3218, 0.3119

Trichromacy



Original Color

66.5775, 0.3042, 0.2750

Protanomaly

66.8664, 0.2881, 0.2802

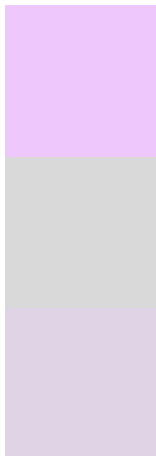
Deuteranomaly

66.3789, 0.2941, 0.2796

Tritanomaly

66.7311, 0.3156, 0.2985

Monochromacy



Original Color

66.5775, 0.3042, 0.2750

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3093, 0.3100, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5775, 0.3042, 0.2750 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(238, 200, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 253)  
}
```

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(238, 200, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 253) }
```

Border

The CSS property to change the border of an element to Yxy 66.5775, 0.3042, 0.2750 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(238, 200, 253) }
```

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

```
.border{ border-color:rgb(238, 200, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 200, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5775, 0.3042, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 200, 253) }
```

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

```
.background{ background-color: rgb(238,  
200, 253) }
```

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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