

Converting Colors

Yxy(55.9982, 0.3111, 0.2586)

Have a look what the booklet for
Yxy(55.9982, 0.3111, 0.2586)
contains.

Yxy(55.7595, 0.3112, 0.2585)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.7595, 0.3112, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	EEB0F4
RGB	238, 176, 244
RGB Percent	93%, 69%, 96%
CMY	0.0665, 0.3099, 0.0431
CMYK	0.02, 0.28, 0.00, 0.04
HSL	295°, 76%, 82%
HSV	295°, 28%, 96%
XYZ	67.1271, 55.7595, 92.8175
YIQ	202.2900, 15.1240, 34.2920

Conversions

Conversions Part 2

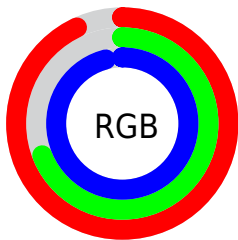
Format	Color
R _Y B	238, 176, 244
Decimal	15642868
CIE Lab	79.48, 33.73, -25.02
CIE LCh	79, 41.999, 323.434
Yxy	55.7595, 0.3112, 0.2585
Android (android.graphics.Color)	4293832948 (0xFFEEB0F4)
YUV	202.2900, 20.5630, 31.3177
Hunter-Lab	74.6723, 29.7872, -21.4267

Details

The Yxy color $55.7595, 0.3112, 0.2585$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $77.7774, 0.3127, 0.4090$, and the grayscale version is $59.1182, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $27.6205, 0.3092, 0.2425$ is the 20% darker color. If you saturate the color by 10%, you get $46.6712, 0.3102, 0.2333$, and if you desaturate by 10%, it is $66.5767, 0.3120, 0.2842$.

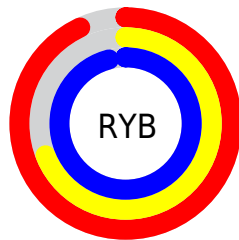
Distribution



Red (93%)

Green (69%)

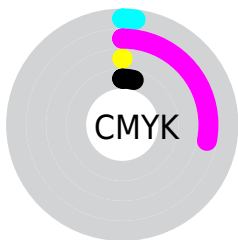
Blue (96%)



Red (93%)

Yellow (69%)

Blue (96%)

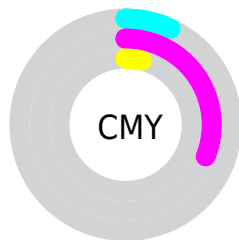


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (7%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7595, 0.3112, 0.2585 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 55.7595, 0.3112, 0.2585 by changing the saturation by 10% instead.


 55.7595, 0.3112,
0.2585

 55.7595, 0.3112,
0.2585


408.7845, 0.3127,
0.2906

 40.0101, 0.3107,
0.2513


 98.6529, 0.3119,
0.2695

 27.5464, 0.3099,
0.2425


126.5656, 0.3121,
0.2739

 17.9840, 0.3088,
0.2315


159.3017, 0.3123,
0.2776

 10.9385, 0.3071,
0.2175

197.2454, 0.3124,
0.2809

 6.0255, 0.3043,
0.1988

240.7811, 0.3125,
0.2837

 2.8606, 0.2993,
0.1732

290.2933, 0.3126,

 1.0594, 0.2895,

0.2863

0.1364

346.1663, 0.3126,
0.2886

0.0000, 0.2900,
0.0000

0.0000, 0.0000,
0.0000

55.7595, 0.3112,
0.2585

55.7595, 0.3112,
0.2585

46.6712, 0.3102,
0.2333

66.5767, 0.3120,
0.2842

39.2123, 0.3089,
0.2095

79.2007, 0.3125,
0.3096

33.2845, 0.3073,
0.1883

93.7137, 0.3128,
0.3341

28.7758, 0.3055,
0.1705

97.7531, 0.3138,
0.3397

■ 25.5589, 0.3035,
0.1569

■ 98.1431, 0.3152,
0.3397

■ 23.4837, 0.3013,
0.1477

■ 98.5374, 0.3165,
0.3396

■ 22.3470, 0.2991,
0.1427

■ 98.9363, 0.3178,
0.3396

■ 22.1626, 0.2986,
0.1419

■ 99.3121, 0.3191,
0.3395

Harmonies

Analogous

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



55.7595, 0.2601, 0.2429



55.7595, 0.3112, 0.2585



55.7595, 0.3674, 0.2893

Triad

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



55.7595, 0.3112, 0.2585



55.7595, 0.4038, 0.4103



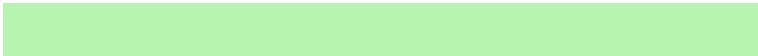
55.7595, 0.2238, 0.3162

Complementary

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



55.7595, 0.3112, 0.2585



77.7774, 0.3127, 0.4090

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.



55.7595, 0.2568, 0.3723



55.7595, 0.3112, 0.2585



55.7595, 0.3605, 0.4294

Square

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



55.7595, 0.3112, 0.2585



55.7595, 0.4231, 0.3729



55.7595, 0.3065, 0.4168



55.7595, 0.2133, 0.2708

Rectangle

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



55.7595, 0.3112, 0.2585



55.7595, 0.3984, 0.3156



55.7595, 0.3065, 0.4168



55.7595, 0.2324, 0.3346

Sweetspot

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



55.7619, 0.3112, 0.2585



87.3306, 0.3125, 0.3093



49.5388, 0.2647, 0.2565



18.2147, 0.3124, 0.3055



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.



55.7619, 0.3112, 0.2585



56.1782, 0.3107, 0.2453



55.2777, 0.3379, 0.2859



16.6902, 0.3124, 0.3056



12.0806, 0.2990, 0.1421



1.0830, 0.3019, 0.1437

Inverse Universe

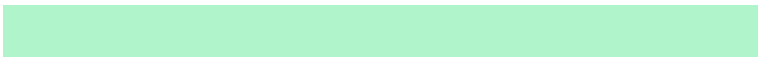
The Inverse Universe completely reimagines the original color for something new.



53.6534, 0.3685, 0.3227



53.5524, 0.3832, 0.3215



78.2548, 0.2938, 0.3766



16.5061, 0.3280, 0.3270



10.4962, 0.6304, 0.3246



0.9304, 0.6092, 0.3129

Previews

White Background



This preview shows how the Yxy color 55.7595, 0.3112, 0.2585 looks on a white background.

Color Contrast Check

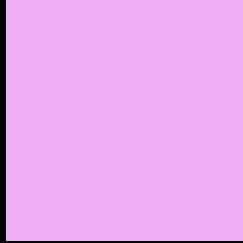
Large Text (above 18pt) WCAG AA × Fail

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 55.7595, 0.3112, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

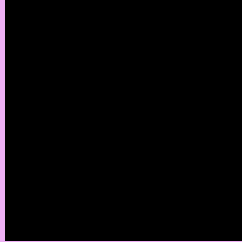
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7595, 0.3112, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 55.7595, 0.3112, 0.2585.



This preview shows how white text looks on a background with the Yxy color 55.7595, 0.3112, 0.2585.

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

55.7595, 0.3112, 0.2585

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

56.0929, 0.2809, 0.2742



Tritanopia

55.9772, 0.3413, 0.3135

Trichromacy



Original Color

55.7595, 0.3112, 0.2585



Protanomaly

55.4880, 0.2791, 0.2592



Deuteranomaly

55.8003, 0.2916, 0.2682



Tritanomaly

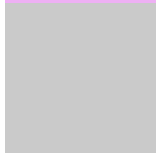
55.8546, 0.3303, 0.2931

Monochromacy



Original Color

55.7595, 0.3112, 0.2585



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.5968, 0.3124, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7595, 0.3112, 0.2585 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, 176, 244)` looks like.

```
.text, #text, p{  
    color:rgb(238, 176, 244)  
}
```

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, 176, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 176, 244) }
```

Border

The CSS property to change the border of an element to Yxy 55.7595, 0.3112, 0.2585 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, 176, 244) }
```

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

```
.border{ border-color:rgb(238, 176, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 176, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 176, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 176, 244);  
box-shadow:4px 4px 4px 4px rgb(238, 176,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7595, 0.3112, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 176, 244) }
```

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

```
.background{ background-color: rgb(238,  
176, 244) }
```

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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