

Converting Colors

Yxy(55.1830, 0.3155, 0.2826)

Have a look what the booklet for
Yxy(55.1830, 0.3155, 0.2826)
contains.

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Color

Yxy(55.4720, 0.3157, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	E2B7E1
RGB	226, 183, 225
RGB Percent	89%, 72%, 88%
CMY	0.1138, 0.2823, 0.1177
CMYK	0.00, 0.19, 0.00, 0.11
HSL	301°, 43%, 80%
HSV	301°, 19%, 89%
XYZ	61.8817, 55.4720, 78.6605
YIQ	200.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

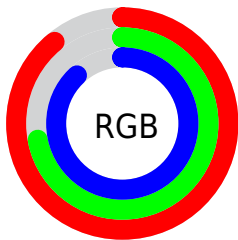
Format	Color
R _Y B	226, 183, 225
Decimal	14858209
CIE Lab	79.31, 22.53, -15.13
CIE LCh	79, 27.134, 326.120
Yxy	55.4720, 0.3157, 0.2830
Android (android.graphics.Color)	4293048289 (0xFFE2B7E1)
YUV	200.6450, 12.0070, 22.2363
Hunter-Lab	74.4795, 17.9684, -10.4826

Details

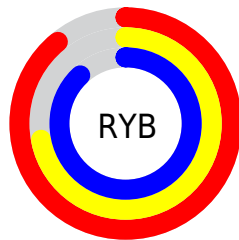
The Yxy color **55.4720, 0.3157, 0.2830** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.9162, 0.3096, 0.3797**, and the grayscale version is **58.0965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **27.4136, 0.3154, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **46.8585, 0.3174, 0.2586**, and if you desaturate by 10%, it is **65.5871, 0.3141, 0.3075**.

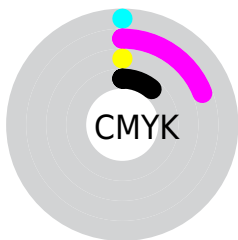
Distribution



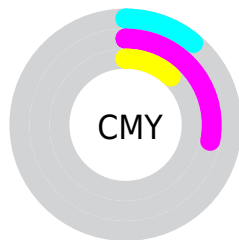
- Red (89%)
- Green (72%)
- Blue (88%)



- Red (89%)
- Yellow (72%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4720, 0.3157, 0.2830 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 55.4720, 0.3157, 0.2830 by changing the saturation by 10% instead.

 55.4720, 0.3157,
0.2830

 55.4720, 0.3157,
0.2830


407.6986, 0.3146,
0.3045

 39.7797, 0.3159,
0.2780


 98.2322, 0.3154,
0.2905

 27.3669, 0.3161,
0.2719


126.0689, 0.3152,
0.2934

 17.8489, 0.3162,
0.2641


158.7225, 0.3151,
0.2959

 10.8416, 0.3163,
0.2538

196.5775, 0.3150,
0.2981

 5.9604, 0.3162,
0.2398

240.0182, 0.3149,
0.3000

 2.8210, 0.3156,
0.2195

289.4290, 0.3148,

 1.0390, 0.3133,

0.3017

0.1877

345.1944, 0.3147,
0.3032

0.0000, 0.3288,
0.0000

0.0000, 0.0000,
0.0000

55.4720, 0.3157,
0.2830

55.4720, 0.3157,
0.2830

46.8585, 0.3174,
0.2586

65.5871, 0.3141,
0.3075

39.6681, 0.3191,
0.2350


77.2632, 0.3126,
0.3313

33.8261, 0.3208,
0.2132

90.5650, 0.3112,
0.3540

29.2481, 0.3224,
0.1942


93.2383, 0.3107,
0.3576


 25.8403, 0.3238,
0.1789


 93.2678, 0.3104,
0.3571

 23.4957, 0.3250,
0.1677


 93.2973, 0.3101,
0.3565

 22.0880, 0.3261,
0.1608

 93.3270, 0.3098,
0.3560

 21.4202, 0.3269,
0.1577

 93.3567, 0.3095,
0.3554

 21.3691, 0.3270,
0.1575

 93.3865, 0.3092,
0.3548

Harmonies

Analogous

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



55.4720, 0.2811, 0.2714



55.4720, 0.3157, 0.2830



55.4720, 0.3513, 0.3052

Triad

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



55.4720, 0.3157, 0.2830



55.4720, 0.3708, 0.3849



55.4720, 0.2524, 0.3190

Complementary

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



55.4720, 0.3157, 0.2830



67.9162, 0.3096, 0.3797

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.



55.4720, 0.2740, 0.3537



55.4720, 0.3157, 0.2830



55.4720, 0.3421, 0.3933

Square

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



55.4720, 0.3157, 0.2830



55.4720, 0.3840, 0.3624



55.4720, 0.3066, 0.3820



55.4720, 0.2462, 0.2898

Rectangle

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



55.4720, 0.3157, 0.2830



55.4720, 0.3701, 0.3237



55.4720, 0.3066, 0.3820



55.4720, 0.2580, 0.3304

Sweetspot

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



55.4744, 0.3157, 0.2830



90.6005, 0.3136, 0.3147



49.5204, 0.2818, 0.2771



19.1831, 0.3137, 0.3131



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.



55.4744, 0.3157, 0.2830



68.0293, 0.3164, 0.2728



54.3889, 0.3325, 0.3057



13.9298, 0.3142, 0.3064



12.1954, 0.3269, 0.1574



0.8471, 0.3259, 0.1569

Inverse Universe

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



55.4744, 0.3157, 0.2830



68.0293, 0.3164, 0.2728



68.8726, 0.2966, 0.3536



13.9298, 0.3142, 0.3064



12.1954, 0.3269, 0.1574



0.8471, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 55.4720, 0.3157, 0.2830 looks on a white background.

Color Contrast Check

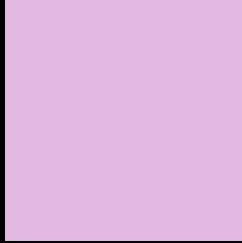
Large Text (above 18pt) WCAG AA × Fail

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 55.4720, 0.3157, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

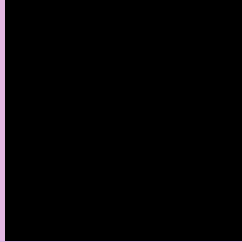
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4720, 0.3157, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 55.4720, 0.3157, 0.2830.



This preview shows how white text looks on a background with the Yxy color 55.4720, 0.3157, 0.2830.

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

55.4720, 0.3157, 0.2830

Protanopia

55.7322, 0.2819, 0.2845

Deuteranopia

55.7235, 0.2988, 0.2931



Tritanopia

55.4929, 0.3310, 0.3120

Trichromacy



Original Color

55.4720, 0.3157, 0.2830

Protanomaly

55.5313, 0.2931, 0.2842

Deuteranomaly

55.6259, 0.3043, 0.2892

Tritanomaly

55.6182, 0.3255, 0.3021

Monochromacy



Original Color

55.4720, 0.3157, 0.2830

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

56.9384, 0.3136, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4720, 0.3157, 0.2830 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(226, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 225)  
}
```

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(226, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 225) }
```

Border

The CSS property to change the border of an element to Yxy 55.4720, 0.3157, 0.2830 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(226, 183, 225) }
```

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

```
.border{ border-color:rgb(226, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 183, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 183, 225); box-shadow:4px 4px 4px 4px rgb(226, 183, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4720, 0.3157, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 225) }
```

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

```
.background{ background-color: rgb(226,  
183, 225) }
```

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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