

Converting Colors

Yxy(54.2127, 0.3169, 0.2742)

Have a look what the booklet for
Yxy(54.2127, 0.3169, 0.2742)
contains.

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Color

Yxy(54.2652, 0.3169, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2E4
RGB	230, 178, 228
RGB Percent	90%, 70%, 89%
CMY	0.0981, 0.3019, 0.1059
CMYK	0.00, 0.23, 0.01, 0.10
HSL	302°, 51%, 80%
HSV	302°, 23%, 90%
XYZ	62.5560, 54.2652, 80.5786
YIQ	199.2480, 14.9420, 26.5740

Conversions

Conversions Part 2

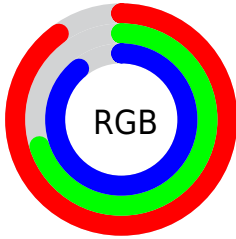
Format	Color
R _Y B	230, 178, 228
Decimal	15119076
CIE Lab	78.62, 27.10, -17.77
CIE LCh	79, 32.405, 326.737
Yxy	54.2652, 0.3169, 0.2749
Android (android.graphics.Color)	4293309156 (0xFFE6B2E4)
YUV	199.2480, 14.1747, 26.9695
Hunter-Lab	73.6649, 22.6680, -13.2891

Details

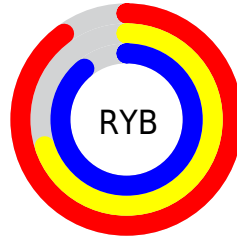
The Yxy color $54.2652, 0.3169, 0.2749$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $69.3519, 0.3085, 0.3898$, and the grayscale version is $57.1790, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $26.6830, 0.3170, 0.2616$ is the 20% darker color. If you saturate the color by 10%, you get $45.8204, 0.3189, 0.2509$, and if you desaturate by 10%, it is $64.2494, 0.3150, 0.2991$.

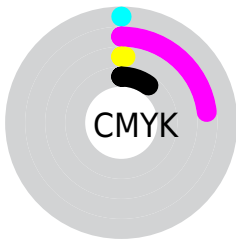
Distribution



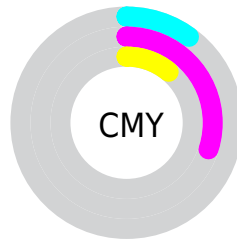
- Red (90%)
- Green (70%)
- Blue (89%)



- Red (90%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2652, 0.3169, 0.2749 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 54.2652, 0.3169, 0.2749 by changing the saturation by 10% instead.

 54.2652, 0.3169,
0.2749

 54.2652, 0.3169,
0.2749


403.1205, 0.3154,
0.3001

 38.8137, 0.3172,
0.2691

 96.4635, 0.3164,
0.2837

 26.6148, 0.3174,
0.2620


123.9792, 0.3162,
0.2871

 17.2842, 0.3176,
0.2530


156.2850, 0.3161,
0.2900

 10.4373, 0.3178,
0.2411

193.7654, 0.3159,
0.2925

 5.6899, 0.3177,
0.2251

236.8047, 0.3157,
0.2948

 2.6574, 0.3169,
0.2021

285.7874, 0.3156,

 0.9556, 0.3139,

0.2967

0.1669

341.0979, 0.3155,
0.2985

0.0000, 0.3232,
0.0000

0.0000, 0.0000,
0.0000

54.2652, 0.3169,
0.2749

54.2652, 0.3169,
0.2749

45.8204, 0.3189,
0.2509

64.2494, 0.3150,
0.2991

38.8313, 0.3210,
0.2281


75.8369, 0.3132,
0.3229


33.2174, 0.3231,
0.2074


89.0968, 0.3115,
0.3458


28.8873, 0.3251,
0.1898


94.1415, 0.3107,
0.3528


 25.7385, 0.3269,
0.1760

 94.1916, 0.3102,
0.3519


 23.6532, 0.3286,
0.1665

 94.2419, 0.3097,
0.3510

 22.4888, 0.3300,
0.1613

 94.2924, 0.3092,
0.3501

 22.0528, 0.3309,
0.1596

 94.3432, 0.3087,
0.3492

 94.3942, 0.3082,
0.3483

Harmonies

Analogous

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



54.2652, 0.2755, 0.2609



54.2652, 0.3169, 0.2749



54.2652, 0.3598, 0.3011

Triad

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



54.2652, 0.3169, 0.2749



54.2652, 0.3816, 0.3961



54.2652, 0.2404, 0.3155

Complementary

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



54.2652, 0.3169, 0.2749



69.3519, 0.3085, 0.3898

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.



54.2652, 0.2655, 0.3579



54.2652, 0.3169, 0.2749



54.2652, 0.3467, 0.4068

Square

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



54.2652, 0.3169, 0.2749



54.2652, 0.3984, 0.3688



54.2652, 0.3040, 0.3931



54.2652, 0.2337, 0.2811

Rectangle

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



54.2652, 0.3169, 0.2749



54.2652, 0.3824, 0.3229



54.2652, 0.3040, 0.3931



54.2652, 0.2469, 0.3294

Sweetspot

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



54.2676, 0.3169, 0.2749



89.0913, 0.3139, 0.3125



47.2287, 0.2757, 0.2659



18.8783, 0.3141, 0.3110



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.



54.2676, 0.3169, 0.2749



63.4924, 0.3178, 0.2639



52.9429, 0.3379, 0.3020



14.6052, 0.3144, 0.3067



12.4900, 0.3307, 0.1595



0.9260, 0.3292, 0.1587

Inverse Universe

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



54.2676, 0.3169, 0.2749



63.4924, 0.3178, 0.2639



70.5001, 0.2931, 0.3578



14.6052, 0.3144, 0.3067



12.4900, 0.3307, 0.1595



0.9260, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 54.2652, 0.3169, 0.2749 looks on a white background.

Color Contrast Check

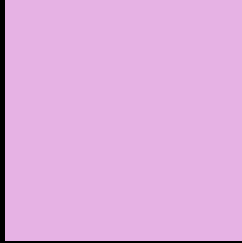
Large Text (above 18pt) WCAG AA × Fail

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 54.2652, 0.3169, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

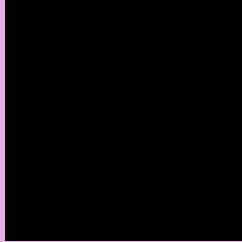
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2652, 0.3169, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 54.2652, 0.3169, 0.2749.



This preview shows how white text looks on a background with the Yxy color 54.2652, 0.3169, 0.2749.

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

54.2652, 0.3169, 0.2749

Protanopia

54.6273, 0.2757, 0.2763

Deuteranopia

54.4600, 0.2936, 0.2871



Tritanopia

54.1129, 0.3373, 0.3121

Trichromacy



Original Color

54.2652, 0.3169, 0.2749



Protanomaly

54.3245, 0.2896, 0.2764



Deuteranomaly

54.3655, 0.3013, 0.2825



Tritanomaly

53.9821, 0.3294, 0.2978

Monochromacy



Original Color

54.2652, 0.3169, 0.2749



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.6164, 0.3137, 0.3070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2652, 0.3169, 0.2749 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, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 228)  
}
```

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, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 228) }
```

Border

The CSS property to change the border of an element to Yxy 54.2652, 0.3169, 0.2749 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, 178, 228) }
```

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

```
.border{ border-color:rgb(230, 178, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 178, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 228);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2652, 0.3169, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 228) }
```

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

```
.background{ background-color: rgb(230,  
178, 228) }
```

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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