

Converting Colors

$Y_{xy}(56.7981, 0.3228, 0.2910)$

Have a look what the booklet for
Yxy(56.7981, 0.3228, 0.2910)
contains.

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Color

Yxy(56.6882, 0.3227, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	E6B9DC
RGB	230, 185, 220
RGB Percent	90%, 73%, 86%
CMY	0.0979, 0.2745, 0.1372
CMYK	0.00, 0.20, 0.04, 0.10
HSL	313°, 47%, 81%
HSV	313°, 20%, 90%
XYZ	62.9067, 56.6882, 75.3438
YIQ	202.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

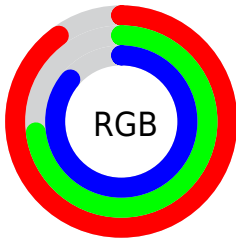
Format	Color
R _Y B	230, 185, 220
Decimal	15120860
CIE Lab	80.00, 21.93, -11.38
CIE LCh	80, 24.701, 332.579
Yxy	56.6882, 0.3227, 0.2908
Android (android.graphics.Color)	4293310940 (0xFFE6B9DC)
YUV	202.4450, 8.6546, 24.1657
Hunter-Lab	75.2916, 17.3780, -6.6271

Details

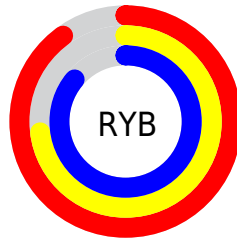
The Yxy color $56.6882, 0.3227, 0.2908$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $70.8608, 0.3041, 0.3705$, and the grayscale version is $59.2954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $28.2178, 0.3248, 0.2820$ is the 20% darker color. If you saturate the color by 10%, you get $47.5660, 0.3290, 0.2707$, and if you desaturate by 10%, it is $67.3805, 0.3172, 0.3107$.

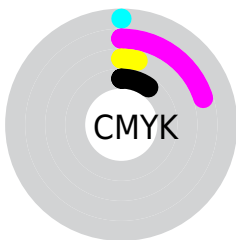
Distribution



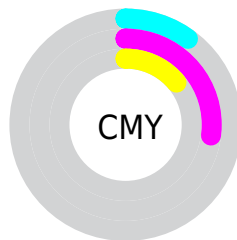
- Red (90%)
- Green (73%)
- Blue (86%)



- Red (90%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6882, 0.3227, 0.2908 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 56.6882, 0.3227, 0.2908 by changing the saturation by 10% instead.

 56.6882, 0.3227,
0.2908

 56.6882, 0.3227,
0.2908


412.2799, 0.3181,
0.3087

 40.7550, 0.3237,
0.2867


 100.0101, 0.3211,
0.2970

 28.1277, 0.3250,
0.2815


128.1675, 0.3205,
0.2995

 18.4219, 0.3266,
0.2750


161.1685, 0.3200,
0.3015

 11.2533, 0.3286,
0.2664

199.3974, 0.3195,
0.3034

 6.2375, 0.3313,
0.2545

243.2385, 0.3191,
0.3049

 2.9900, 0.3351,
0.2372


293.0764, 0.3188,

 1.1265, 0.3406,


0.3063

0.2096


349.2954, 0.3184,
0.3076


 0.0004, 0.4022,
0.0003


 0.0000, 0.0000,
0.0000


 56.6882, 0.3227,
0.2908

 56.6882, 0.3227,
0.2908

 47.5660, 0.3290,
0.2707


 67.3805, 0.3172,
0.3107


 39.9317, 0.3361,
0.2509

 79.7053, 0.3125,
0.3298

 33.7067, 0.3439,
0.2325

 93.7306, 0.3085,
0.3479

 28.8024, 0.3523,
0.2163

 94.6661, 0.3056,
0.3436

■ 25.1199, 0.3612,
0.2033

■ 94.9752, 0.3028,
0.3384

■ 22.5467, 0.3701,
0.1946

■ 95.2929, 0.2999,
0.3333

■ 20.9488, 0.3789,
0.1906

■ 95.5669, 0.2976,
0.3290

■ 20.1066, 0.3873,
0.1909

■ 20.0767, 0.3877,
0.1909

Harmonies

Analogous

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



56.6882, 0.2904, 0.2779



56.6882, 0.3227, 0.2908



56.6882, 0.3536, 0.3127

Triad

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



56.6882, 0.3227, 0.2908



56.6882, 0.3607, 0.3826



56.6882, 0.2554, 0.3138

Complementary

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



56.6882, 0.3227, 0.2908



70.8608, 0.3041, 0.3705

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.



56.6882, 0.2724, 0.3447



56.6882, 0.3227, 0.2908



56.6882, 0.3328, 0.3862

Square

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



56.6882, 0.3227, 0.2908



56.6882, 0.3760, 0.3647



56.6882, 0.3005, 0.3722



56.6882, 0.2530, 0.2894

Rectangle

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



56.6882, 0.3227, 0.2908



56.6882, 0.3686, 0.3302



56.6882, 0.3005, 0.3722



56.6882, 0.2596, 0.3238

Sweetspot

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



56.6907, 0.3227, 0.2908



90.4065, 0.3155, 0.3175



51.9794, 0.2875, 0.2763



19.1371, 0.3158, 0.3163



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.



56.6907, 0.3227, 0.2908



67.3063, 0.3248, 0.2836



55.5886, 0.3407, 0.3148



14.5575, 0.3172, 0.3109



11.3828, 0.3864, 0.1902



0.8547, 0.3749, 0.1839

Inverse Universe

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



56.6907, 0.3227, 0.2908



67.3063, 0.3248, 0.2836



71.9440, 0.2908, 0.3437



14.5575, 0.3172, 0.3109



11.3828, 0.3864, 0.1902



0.8547, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 56.6882, 0.3227, 0.2908 looks on a white background.

Color Contrast Check

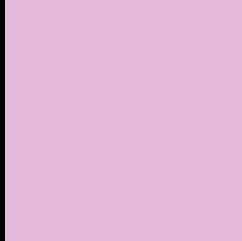
Large Text (above 18pt) WCAG AA × Fail

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 56.6882, 0.3227, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

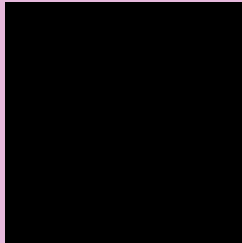
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6882, 0.3227, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 56.6882, 0.3227, 0.2908.



This preview shows how white text looks on a background with the Yxy color 56.6882, 0.3227, 0.2908.

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

56.6882, 0.3227, 0.2908

Protanopia

56.8714, 0.2881, 0.2928

Deuteranopia

56.7572, 0.3070, 0.3003



Tritanopia

56.7722, 0.3342, 0.3123

Trichromacy



Original Color

56.6882, 0.3227, 0.2908

Protanomaly

56.6980, 0.2997, 0.2924

Deuteranomaly

56.6931, 0.3126, 0.2963

Tritanomaly

56.8021, 0.3304, 0.3047

Monochromacy



Original Color

56.6882, 0.3227, 0.2908

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0804, 0.3158, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6882, 0.3227, 0.2908 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, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(230, 185, 220)  
}
```

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, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 185, 220) }
```

Border

The CSS property to change the border of an element to Yxy 56.6882, 0.3227, 0.2908 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, 185, 220) }
```

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

```
.border{ border-color:rgb(230, 185, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(230, 185,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6882, 0.3227, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 185, 220) }
```

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

```
.background{ background-color: rgb(230,  
185, 220) }
```

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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