

Converting Colors

$Yxy(47.7698, 0.3230, 0.2761)$

Have a look what the booklet for
Yxy(47.7698, 0.3230, 0.2761)
contains.

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Color

Yxy(47.6061, 0.3232, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	DEA6D5
RGB	222, 166, 213
RGB Percent	87%, 65%, 84%
CMY	0.1294, 0.3490, 0.1649
CMYK	0.00, 0.25, 0.04, 0.13
HSL	310°, 46%, 76%
HSV	310°, 25%, 87%
XYZ	55.7676, 47.6061, 69.1746
YIQ	188.1020, 18.2890, 26.4890

Conversions

Conversions Part 2

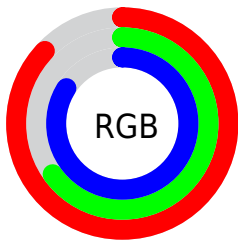
Format	Color
R_{YB}	222, 166, 213
Decimal	14591701
CIE _{Lab}	74.58, 28.17, -15.77
CIE _{LCh}	75, 32.285, 330.765
Yxy	47.6061, 0.3232, 0.2759
Android (android.graphics.Color)	4292781781 (0xFFDEA6D5)
YUV	188.1020, 12.2747, 29.7285
Hunter-Lab	68.9972, 23.5293, -11.1445

Details

The Yxy color $47.6061, 0.3232, 0.2759$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $63.4505, 0.3038, 0.3886$, and the grayscale version is $50.2723, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7226, 0.3142, 0.2970$, and $22.3859, 0.3256, 0.2622$ is the 20% darker color. If you saturate the color by 10%, you get $40.0410, 0.3283, 0.2546$, and if you desaturate by 10%, it is $56.5726, 0.3186, 0.2974$.

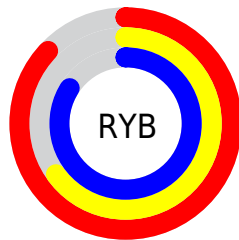
Distribution



Red (87%)

Green (65%)

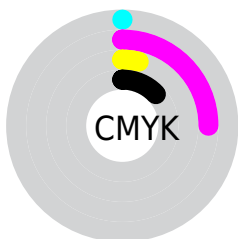
Blue (84%)



Red (87%)

Yellow (65%)

Blue (84%)

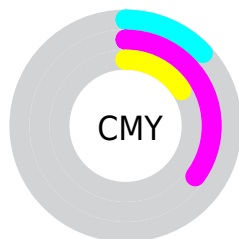


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (13%)



Cyan (13%)

Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6061, 0.3232, 0.2759 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 47.6061, 0.3232, 0.2759 by changing the saturation by 10% instead.


 47.6061, 0.3232,
0.2759


 47.6061, 0.3232,
0.2759


377.2287, 0.3185,
0.3012

 33.5151, 0.3242,
0.2700


 86.6176, 0.3216,
0.2848

 22.5213, 0.3255,
0.2625


 112.3069, 0.3210,
0.2882

 14.2404, 0.3270,
0.2530


142.6311, 0.3204,
0.2912

 8.2881, 0.3289,
0.2403

177.9745, 0.3199,
0.2937

 4.2798, 0.3313,
0.2227

218.7216, 0.3195,
0.2959

 1.8313, 0.3341,
0.1966

265.2567, 0.3191,

 0.5066, 0.3417,

0.2979

0.1426

317.9643, 0.3188,
0.2996

0.0000, 0.2069,
0.0000

0.0000, 0.0000,
0.0000

47.6061, 0.3232,
0.2759

47.6061, 0.3232,
0.2759

40.0410, 0.3283,
0.2546

56.5726, 0.3186,
0.2974

33.7995, 0.3339,
0.2344

67.0006, 0.3146,
0.3184

28.8055, 0.3399,
0.2161

78.9544, 0.3111,
0.3385

24.9731, 0.3462,
0.2008

92.4926, 0.3081,
0.3574

■ 22.2052, 0.3525,
0.1893

■ 92.8137, 0.3061,
0.3538

■ 20.3889, 0.3586,
0.1822

■ 93.0182, 0.3041,
0.3501

■ 19.3859, 0.3644,
0.1797

■ 93.2269, 0.3021,
0.3463

■ 19.0821, 0.3671,
0.1796

■ 93.4399, 0.3001,
0.3426

■ 93.6570, 0.2982,
0.3389

Harmonies

Analogous

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



47.6061, 0.2792, 0.2594



47.6061, 0.3232, 0.2759



47.6061, 0.3671, 0.3043

Triad

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



47.6061, 0.3232, 0.2759



47.6061, 0.3803, 0.4015



47.6061, 0.2356, 0.3092

Complementary

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



47.6061, 0.3232, 0.2759



63.4505, 0.3038, 0.3886

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.



47.6061, 0.2591, 0.3532



47.6061, 0.3232, 0.2759



47.6061, 0.3421, 0.4098

Square

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



47.6061, 0.3232, 0.2759



47.6061, 0.4009, 0.3746



47.6061, 0.2977, 0.3921



47.6061, 0.2313, 0.2754

Rectangle

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



47.6061, 0.3232, 0.2759



47.6061, 0.3890, 0.3273



47.6061, 0.2977, 0.3921



47.6061, 0.2414, 0.3233

Sweetspot

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



47.6082, 0.3232, 0.2759



87.4575, 0.3157, 0.3125



41.5954, 0.2760, 0.2587



18.2470, 0.3163, 0.3093



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.



47.6082, 0.3232, 0.2759



59.7498, 0.3257, 0.2652



46.3345, 0.3475, 0.3062



13.8956, 0.3162, 0.3096



11.3477, 0.3663, 0.1792



0.7969, 0.3582, 0.1747

Inverse Universe

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



47.6082, 0.3232, 0.2759



59.7498, 0.3257, 0.2652



64.6369, 0.2872, 0.3531



13.8956, 0.3162, 0.3096



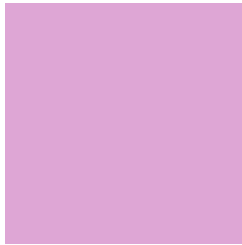
11.3477, 0.3663, 0.1792



0.7969, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 47.6061, 0.3232, 0.2759 looks on a white background.

Color Contrast Check

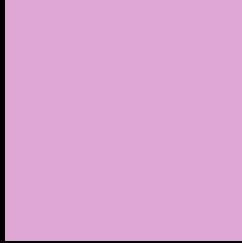
Large Text (above 18pt) WCAG AA × Fail

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 47.6061, 0.3232, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

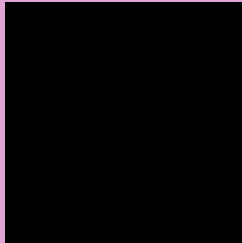
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6061, 0.3232, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 47.6061, 0.3232, 0.2759.



This preview shows how white text looks on a background with the Yxy color 47.6061, 0.3232, 0.2759.

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

47.6061, 0.3232, 0.2759

Protanopia

47.8364, 0.2758, 0.2770

Deuteranopia

47.7122, 0.2971, 0.2908



Tritanopia

47.4919, 0.3443, 0.3137

Trichromacy



Original Color

47.6061, 0.3232, 0.2759

Protanomaly

47.2943, 0.2913, 0.2759

Deuteranomaly

47.3928, 0.3063, 0.2847

Tritanomaly

47.3761, 0.3358, 0.2987

Monochromacy



Original Color

47.6061, 0.3232, 0.2759

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.9531, 0.3162, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6061, 0.3232, 0.2759 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(222, 166, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 166, 213)  
}
```

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(222, 166, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 166, 213) }
```

Border

The CSS property to change the border of an element to Yxy 47.6061, 0.3232, 0.2759 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(222, 166, 213) }
```

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

```
.border{ border-color:rgb(222, 166, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 166, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 166, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 166, 213); box-shadow:4px 4px 4px 4px rgb(222, 166, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6061, 0.3232, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 166, 213) }
```

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

```
.background{ background-color: rgb(222,  
166, 213) }
```

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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