

Converting Colors

$Y_{xy}(32.0434, 0.3549, 0.2557)$

Have a look what the booklet for
Yxy(32.0434, 0.3549, 0.2557)
contains.

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Color

Yxy(32.1537, 0.3556, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	DB79B7
RGB	219, 121, 183
RGB Percent	86%, 47%, 72%
CMY	0.1413, 0.5254, 0.2823
CMYK	0.00, 0.45, 0.16, 0.14
HSL	322°, 58%, 67%
HSV	322°, 45%, 86%
XYZ	44.5938, 32.1537, 48.6569
YIQ	157.3700, 38.5060, 40.0580

Conversions

Conversions Part 2

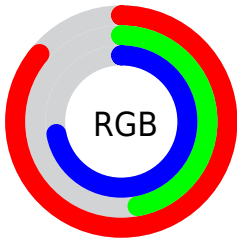
Format	Color
R _Y B	219, 121, 183
Decimal	14383543
CIE Lab	63.47, 45.98, -15.89
CIE LCh	63, 48.648, 340.936
Yxy	32.1537, 0.3556, 0.2564
Android (android.graphics.Color)	4292573623 (0xFFDB79B7)
YUV	157.3700, 12.6356, 54.0495
Hunter-Lab	56.7042, 41.1451, -11.1828

Details

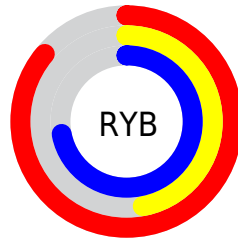
The Yxy color **32.1537, 0.3556, 0.2564** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.1535, 0.2862, 0.4162**, and the grayscale version is **33.8230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5427, 0.3288, 0.2661**, and **13.4273, 0.3682, 0.2355** is the 20% darker color. If you saturate the color by 10%, you get **27.0971, 0.3695, 0.2417**, and if you desaturate by 10%, it is **38.4404, 0.3433, 0.2725**.

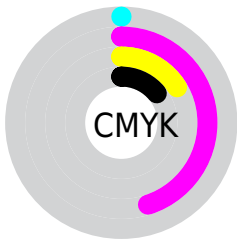
Distribution



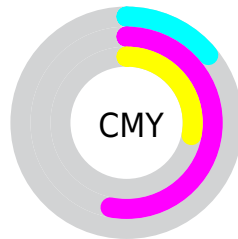
- Red (86%)
- Green (47%)
- Blue (72%)



- Red (86%)
- Yellow (47%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (16%)
- Black (14%)





- Cyan (14%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1537, 0.3556, 0.2564 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 32.1537, 0.3556, 0.2564 by changing the saturation by 10% instead.

 32.1537, 0.3556,
0.2564


 32.1537, 0.3556,
0.2564


311.8188, 0.3340,
0.2926

 21.4789, 0.3610,
0.2475


 63.0520, 0.3477,
0.2695

 13.4745, 0.3680,
0.2360


 84.0442, 0.3448,
0.2744

 7.7561, 0.3773,
0.2210


 109.2445, 0.3423,
0.2786

 3.9393, 0.3903,
0.2003

139.0371, 0.3401,
0.2822

 1.6397, 0.4095,
0.1705

173.8064, 0.3383,
0.2853

 0.3841, 0.4508,
0.1039

213.9369, 0.3367,


 0.0000, 0.5735,


0.2880


0.0000


259.8129, 0.3352,
0.2904


 0.0000, 0.0000,
0.0000

 32.1537, 0.3556,
0.2564


 32.1537, 0.3556,
0.2564


 27.0971, 0.3695,
0.2417


 38.4404, 0.3433,
0.2725


 23.1829, 0.3847,
0.2296


 46.0279, 0.3327,
0.2892

 20.3192, 0.4009,
0.2211


 54.9871, 0.3236,
0.3057


 18.3976, 0.4175,
0.2174


 65.3822, 0.3159,
0.3217


 17.2856, 0.4339,
0.2188

 77.2734, 0.3095,
0.3368

 16.9083, 0.4424,
0.2211

 90.7175, 0.3041,
0.3510

 92.8268, 0.2996,
0.3451

 93.3136, 0.2952,
0.3368

 93.7971, 0.2911,
0.3289

Harmonies

Analogous

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



32.1537, 0.2782, 0.2241



32.1537, 0.3556, 0.2564



32.1537, 0.4275, 0.3040

Triad

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



32.1537, 0.3556, 0.2564



32.1537, 0.4023, 0.4594



32.1537, 0.1820, 0.2691

Complementary

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



32.1537, 0.3556, 0.2564



57.1535, 0.2862, 0.4162

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.



32.1537, 0.2068, 0.3413



32.1537, 0.3556, 0.2564



32.1537, 0.3320, 0.4682

Square

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



32.1537, 0.3556, 0.2564



32.1537, 0.4522, 0.4152



32.1537, 0.2604, 0.4221



32.1537, 0.1866, 0.2263

Rectangle

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



32.1537, 0.3556, 0.2564



32.1537, 0.4569, 0.3405



32.1537, 0.2604, 0.4221



32.1537, 0.1869, 0.2903

Sweetspot

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



32.1552, 0.3556, 0.2564



79.8834, 0.3222, 0.3084



25.9544, 0.2584, 0.2001



16.4430, 0.3241, 0.3048



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.



32.1552, 0.3556, 0.2564



38.4328, 0.3691, 0.2421



30.4596, 0.4154, 0.3135



13.1895, 0.3194, 0.3143



10.0495, 0.4401, 0.2198



0.6674, 0.4156, 0.2063

Inverse Universe

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



32.1552, 0.3556, 0.2564



38.4328, 0.3691, 0.2421



59.1717, 0.2594, 0.3462



13.1895, 0.3194, 0.3143



10.0495, 0.4401, 0.2198



0.6674, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 32.1537, 0.3556, 0.2564 looks on a white background.

Color Contrast Check

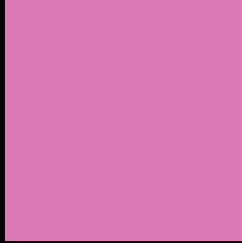
Large Text (above 18pt) WCAG AA × Fail

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 32.1537, 0.3556, 0.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

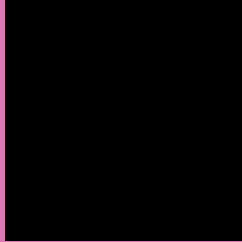
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1537, 0.3556, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 32.1537, 0.3556, 0.2564.



This preview shows how white text looks on a background with the Yxy color 32.1537, 0.3556, 0.2564.

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

32.1537, 0.3556, 0.2564

Protanopia

32.3532, 0.2580, 0.2537

Deuteranopia

32.2961, 0.2952, 0.2885



Tritanopia

32.1255, 0.3998, 0.3181

Trichromacy



Original Color

32.1537, 0.3556, 0.2564



Protanomaly

31.4058, 0.2880, 0.2530



Deuteranomaly

31.4638, 0.3153, 0.2734



Tritanomaly

32.1442, 0.3838, 0.2950

Monochromacy



Original Color

32.1537, 0.3556, 0.2564



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

32.4030, 0.3287, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1537, 0.3556, 0.2564 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(219, 121, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 183)  
}
```

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(219, 121, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 183) }
```

Border

The CSS property to change the border of an element to Yxy 32.1537, 0.3556, 0.2564 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(219, 121, 183) }
```

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

```
.border{ border-color:rgb(219, 121, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 121, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 121, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 121, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 121,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1537, 0.3556, 0.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 183) }
```

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

```
.background{ background-color: rgb(219,  
121, 183) }
```

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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