

Converting Colors

$Yxy(35.8658, 0.3245, 0.3125)$

Have a look what the booklet for
Yxy(35.8658, 0.3245, 0.3125)
contains.

Yxy(35.6977, 0.3243, 0.3125)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.6977, 0.3243, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	B29BA7
RGB	178, 155, 167
RGB Percent	70%, 61%, 65%
CMY	0.3022, 0.3921, 0.3452
CMYK	0.00, 0.13, 0.06, 0.30
HSL	329°, 13%, 65%
HSV	329°, 13%, 70%
XYZ	37.0456, 35.6977, 41.4893
YIQ	163.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

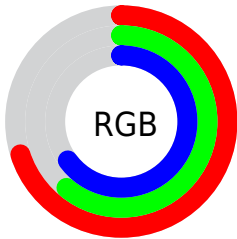
Format	Color
R_{YB}	178, 155, 167
Decimal	11705255
CIE _{Lab}	66.29, 10.54, -3.12
CIE _{LCh}	66, 10.994, 343.516
Yxy	35.6977, 0.3243, 0.3125
Android (android.graphics.Color)	4289895335 (0xFFB29BA7)
YUV	163.2450, 1.8512, 12.9401
Hunter-Lab	59.7476, 6.1182, 0.6517

Details

The Yxy color $35.6977, 0.3243, 0.3125$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.5424, 0.3025, 0.3461$, and the grayscale version is $36.7331, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.3673, 0.3223, 0.3152$, and $15.4984, 0.3278, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $29.9007, 0.3354, 0.2990$, and if you desaturate by 10%, it is $42.3914, 0.3151, 0.3254$.

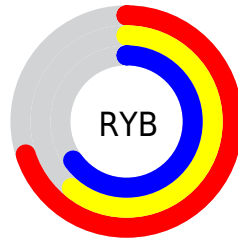
Distribution



Red (70%)

Green (61%)

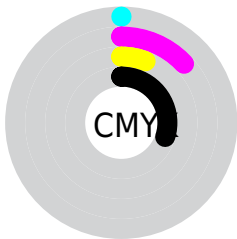
Blue (65%)



Red (70%)

Yellow (61%)

Blue (65%)

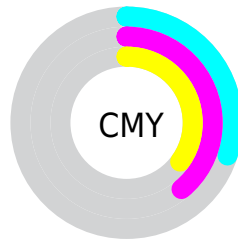


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (30%)



Cyan (30%)


Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6977, 0.3243, 0.3125 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 35.6977, 0.3243, 0.3125 by changing the saturation by 10% instead.

 35.6977, 0.3243,
0.3125


 35.6977, 0.3243,
0.3125


327.6373, 0.3183,
0.3210

 24.2008, 0.3259,
0.3103


 68.5652, 0.3221,
0.3157

 15.4827, 0.3279,
0.3074


 90.7046, 0.3212,
0.3168

 9.1588, 0.3308,
0.3034


117.1604, 0.3206,
0.3178

 4.8449, 0.3349,
0.2976

148.3168, 0.3200,
0.3186

 2.1566, 0.3414,
0.2886

184.5583, 0.3195,
0.3194

 0.6962, 0.3552,
0.2684

226.2693, 0.3190,

 0.0000, 0.0000,

0.3200

0.0000


273.8342, 0.3186,
0.3205


 35.6977, 0.3243,
0.3125


 35.6977, 0.3243,
0.3125

 29.9007, 0.3354,
0.2990


 42.3914, 0.3151,
0.3254


 24.9573, 0.3485,
0.2852


 50.0131, 0.3074,
0.3376


 20.8278, 0.3640,
0.2717

 58.5986, 0.3011,
0.3488

 17.4676, 0.3819,
0.2592

 68.1801, 0.2958,
0.3592

 14.8275, 0.4021,
0.2488

 78.7885, 0.2915,
0.3688

■ 12.8529, 0.4240,
0.2416

■ 86.0424, 0.2875,
0.3705

■ 11.4811, 0.4471,
0.2387

■ 86.4995, 0.2831,
0.3606

■ 10.6371, 0.4700,
0.2411

■ 86.9799, 0.2788,
0.3509

■ 10.2461, 0.4861,
0.2452

■ 87.4837, 0.2746,
0.3414

Harmonies

Analogous

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



35.6977, 0.3073, 0.3034



35.6977, 0.3243, 0.3125



35.6977, 0.3385, 0.3258

Triad

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



35.6977, 0.3243, 0.3125



35.6977, 0.3332, 0.3583



35.6977, 0.2809, 0.3164

Complementary

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



35.6977, 0.3243, 0.3125



41.5424, 0.3025, 0.3461

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.



35.6977, 0.2875, 0.3315



35.6977, 0.3243, 0.3125



35.6977, 0.3175, 0.3563

Square

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



35.6977, 0.3243, 0.3125



35.6977, 0.3436, 0.3522



35.6977, 0.3008, 0.3464



35.6977, 0.2826, 0.3053

Rectangle

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



35.6977, 0.3243, 0.3125



35.6977, 0.3442, 0.3355



35.6977, 0.3008, 0.3464



35.6977, 0.2822, 0.3212

Sweetspot

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



35.6993, 0.3243, 0.3125



75.3955, 0.3161, 0.3239



34.7404, 0.3025, 0.2967



16.4930, 0.3167, 0.3230



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.6993, 0.3243, 0.3125



62.1341, 0.3268, 0.3093



35.3030, 0.3350, 0.3280



8.5769, 0.3208, 0.3172



7.3491, 0.4838, 0.2439



0.2429, 0.4268, 0.2125

Inverse Universe

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



35.6993, 0.3243, 0.3125



62.1341, 0.3268, 0.3093



41.9712, 0.2940, 0.3300



8.5769, 0.3208, 0.3172



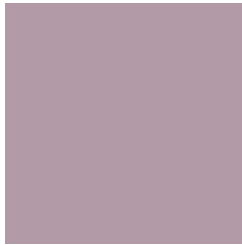
7.3491, 0.4838, 0.2439



0.2429, 0.4268, 0.2125

Previews

White Background



This preview shows how the Yxy color 35.6977, 0.3243, 0.3125 looks on a white background.

Color Contrast Check

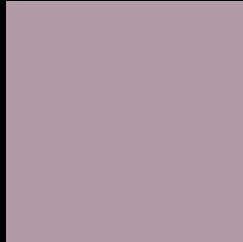
Large Text (above 18pt) WCAG AA × Fail

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 35.6977, 0.3243, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

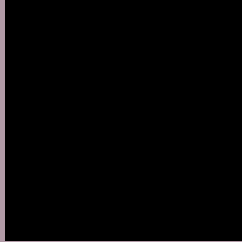
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6977, 0.3243, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 35.6977, 0.3243, 0.3125.



This preview shows how white text looks on a background with the Yxy color 35.6977, 0.3243, 0.3125.

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

35.6977, 0.3243, 0.3125

Protanopia

35.7253, 0.3058, 0.3146

Deuteranopia

35.5656, 0.3203, 0.3136



Tritanopia

35.6977, 0.3243, 0.3125

Trichromacy



Original Color

35.6977, 0.3243, 0.3125

Protanomaly

35.6431, 0.3125, 0.3134

Deuteranomaly

35.6809, 0.3213, 0.3137

Tritanomaly

35.6977, 0.3243, 0.3125

Monochromacy



Original Color

35.6977, 0.3243, 0.3125

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1468, 0.3168, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6977, 0.3243, 0.3125 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(178, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 167)  
}
```

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(178, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 167) }
```

Border

The CSS property to change the border of an element to Yxy 35.6977, 0.3243, 0.3125 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(178, 155, 167) }
```

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

```
.border{ border-color:rgb(178, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6977, 0.3243, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 167) }
```

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

```
.background{ background-color: rgb(178,  
155, 167) }
```

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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