

Converting Colors

$Yxy(42.8748, 0.3225, 0.3121)$

Have a look what the booklet for
Yxy(42.8748, 0.3225, 0.3121)
contains.

Yxy(42.9598, 0.3226, 0.3123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.9598, 0.3226, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C0A9B6
RGB	192, 169, 182
RGB Percent	75%, 66%, 71%
CMY	0.2470, 0.3373, 0.2862
CMYK	0.00, 0.12, 0.05, 0.25
HSL	326°, 15%, 71%
HSV	326°, 12%, 75%
XYZ	44.3767, 42.9598, 50.2229
YIQ	177.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

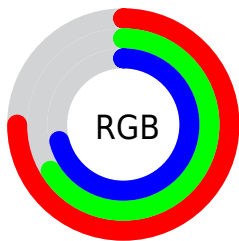
Format	Color
R _Y B	192, 169, 182
Decimal	12626358
CIE Lab	71.53, 10.62, -3.62
CIE LCh	72, 11.216, 341.173
Yxy	42.9598, 0.3226, 0.3123
Android (android.graphics.Color)	4290816438 (0xFFC0A9B6)
YUV	177.3590, 2.2880, 12.8402
Hunter-Lab	65.5437, 6.1527, 0.4496

Details

The Yxy color **42.9598, 0.3226, 0.3123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.3997, 0.3039, 0.3463**, and the grayscale version is **44.1519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4408, 0.3204, 0.3150**, and **19.7108, 0.3251, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **35.9996, 0.3326, 0.2977**, and if you desaturate by 10%, it is **50.9936, 0.3142, 0.3263**.

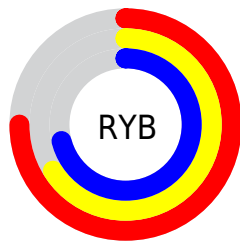
Distribution



Red (75%)

Green (66%)

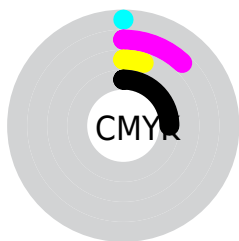
Blue (71%)



Red (75%)

Yellow (66%)

Blue (71%)

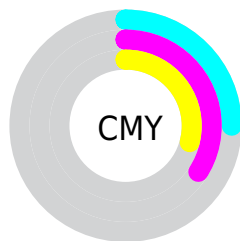


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9598, 0.3226, 0.3123 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 42.9598, 0.3226, 0.3123 by changing the saturation by 10% instead.

 42.9598, 0.3226,
0.3123


 42.9598, 0.3226,
0.3123


358.4464, 0.3176,
0.3207

 29.8536, 0.3238,
0.3102


 79.6502, 0.3208,
0.3153

 19.7275, 0.3254,
0.3075


 104.0032, 0.3201,
0.3165

 12.1971, 0.3276,
0.3039


132.8738, 0.3195,
0.3175

 6.8781, 0.3306,
0.2989

166.6466, 0.3191,
0.3183

 3.3860, 0.3351,
0.2914

205.7058, 0.3186,
0.3190

 1.3364, 0.3427,
0.2788

250.4359, 0.3183,

 0.1691, 0.4092,

0.3196

0.1648

301.2213, 0.3179,
0.3202

0.0000, 0.0000,
0.0000

42.9598, 0.3226,
0.3123

42.9598, 0.3226,
0.3123

35.9996, 0.3326,
0.2977

50.9936, 0.3142,
0.3263

30.0614, 0.3445,
0.2827

60.1384, 0.3072,
0.3395

25.0978, 0.3584,
0.2680

70.4368, 0.3014,
0.3517

21.0555, 0.3744,
0.2544

81.9275, 0.2966,
0.3630

17.8759, 0.3923,
0.2428

88.0961, 0.2923,
0.3631

■ 15.4937, 0.4118,
0.2344

■ 88.5589, 0.2880,
0.3538

■ 13.8340, 0.4322,
0.2304

■ 89.0441, 0.2836,
0.3446

■ 12.8077, 0.4526,
0.2315

■ 89.5522, 0.2794,
0.3356

■ 12.3068, 0.4686,
0.2355

■ 89.9500, 0.2763,
0.3289

Harmonies

Analogous

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



42.9598, 0.3063, 0.3040



42.9598, 0.3226, 0.3123



42.9598, 0.3365, 0.3248

Triad

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



42.9598, 0.3226, 0.3123



42.9598, 0.3334, 0.3569



42.9598, 0.2824, 0.3180

Complementary

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



42.9598, 0.3226, 0.3123



49.3997, 0.3039, 0.3463

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.



42.9598, 0.2893, 0.3326



42.9598, 0.3226, 0.3123



42.9598, 0.3186, 0.3556

Square

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



42.9598, 0.3226, 0.3123



42.9598, 0.3428, 0.3505



42.9598, 0.3024, 0.3466



42.9598, 0.2834, 0.3069

Rectangle

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



42.9598, 0.3226, 0.3123



42.9598, 0.3424, 0.3341



42.9598, 0.3024, 0.3466



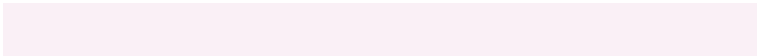
42.9598, 0.2839, 0.3227

Sweetspot

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



42.9617, 0.3226, 0.3123



89.1960, 0.3158, 0.3235



41.7608, 0.3026, 0.2988



18.8902, 0.3164, 0.3224



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.9617, 0.3226, 0.3123



74.8441, 0.3247, 0.3091



42.5055, 0.3327, 0.3271



10.1712, 0.3203, 0.3160



8.2944, 0.4663, 0.2342



0.3720, 0.4254, 0.2117

Inverse Universe

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



42.9617, 0.3226, 0.3123



74.8441, 0.3247, 0.3091



49.8845, 0.2957, 0.3310



10.1712, 0.3203, 0.3160



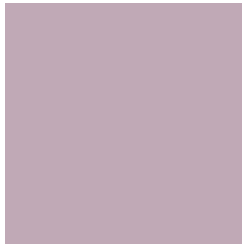
8.2944, 0.4663, 0.2342



0.3720, 0.4254, 0.2117

Previews

White Background



This preview shows how the Yxy color 42.9598, 0.3226, 0.3123 looks on a white background.

Color Contrast Check

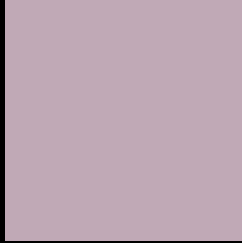
Large Text (above 18pt) WCAG AA × Fail

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 42.9598, 0.3226, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

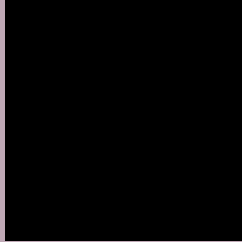
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9598, 0.3226, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 42.9598, 0.3226, 0.3123.



This preview shows how white text looks on a background with the Yxy color 42.9598, 0.3226, 0.3123.

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

42.9598, 0.3226, 0.3123

Protanopia

43.0050, 0.3055, 0.3144

Deuteranopia

42.9457, 0.3198, 0.3135



Tritanopia

42.9598, 0.3226, 0.3123

Trichromacy



Original Color

42.9598, 0.3226, 0.3123

Protanomaly

42.9108, 0.3117, 0.3132

Deuteranomaly

43.0740, 0.3207, 0.3135

Tritanomaly

42.9598, 0.3226, 0.3123

Monochromacy



Original Color

42.9598, 0.3226, 0.3123

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.4719, 0.3157, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9598, 0.3226, 0.3123 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(192, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 182)  
}
```

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(192, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 182) }
```

Border

The CSS property to change the border of an element to Yxy 42.9598, 0.3226, 0.3123 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(192, 169, 182) }
```

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

```
.border{ border-color:rgb(192, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 169, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 169, 182); box-shadow:4px 4px 4px 4px rgb(192, 169, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9598, 0.3226, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 182) }
```

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

```
.background{ background-color: rgb(192,  
169, 182) }
```

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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