

Converting Colors

$Yxy(42.7887, 0.3379, 0.3363)$

Have a look what the booklet for
Yxy(42.7887, 0.3379, 0.3363)
contains.

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Color

Yxy(42.6725, 0.3374, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	C0AAA5
RGB	192, 170, 165
RGB Percent	75%, 67%, 65%
CMY	0.2471, 0.3333, 0.3529
CMYK	0.00, 0.11, 0.14, 0.25
HSL	11°, 18%, 70%
HSV	11°, 14%, 75%
XYZ	42.9014, 42.6725, 41.5790
YIQ	176.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

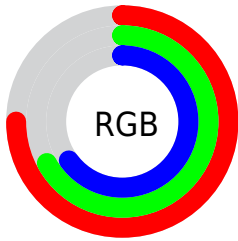
Format	Color
RYB	192, 171, 165
Decimal	12626597
CIELab	71.33, 7.11, 5.47
CIElCh	71, 8.973, 37.579
Yxy	42.6725, 0.3374, 0.3356
Android (android.graphics.Color)	4290816677 (0xFFC0AAA5)
YUV	176.0080, -5.4269, 14.0250
Hunter-Lab	65.3242, 2.9118, 7.9887

Details

The Yxy color $42.6725, 0.3374, 0.3356$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.3390, 0.2914, 0.3223$, and the grayscale version is $43.4437, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1575, 0.3331, 0.3341$, and $19.5524, 0.3448, 0.3381$ is the 20% darker color. If you saturate the color by 10%, you get $36.5070, 0.3595, 0.3407$, and if you desaturate by 10%, it is $49.6445, 0.3192, 0.3308$.

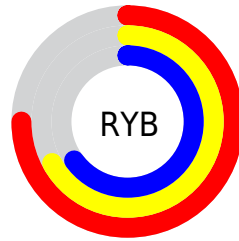
Distribution



Red (75%)

Green (67%)

Blue (65%)



Red (75%)

Yellow (67%)

Blue (65%)

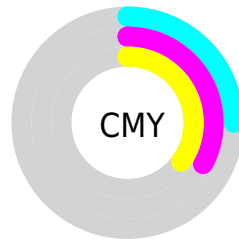


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6725, 0.3374, 0.3356 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 42.6725, 0.3374, 0.3356 by changing the saturation by 10% instead.


 42.6725, 0.3374,
0.3356


 42.6725, 0.3374,
0.3356


357.2632, 0.3248,
0.3324

 29.6282, 0.3406,
0.3364


 79.2164, 0.3328,
0.3344

 19.5566, 0.3448,
0.3374


 103.4849, 0.3310,
0.3340

 12.0731, 0.3505,
0.3387


132.2635, 0.3296,
0.3336

 6.7935, 0.3586,
0.3404

165.9367, 0.3284,
0.3333

 3.3333, 0.3711,
0.3429

204.8889, 0.3273,
0.3330

 1.3081, 0.3928,
0.3466

249.5044, 0.3264,

 0.1475, 0.6803,

0.3328

0.3197

300.1677, 0.3255,
0.3326

0.0000, 0.0000,
0.0000

42.6725, 0.3374,
0.3356

42.6725, 0.3374,
0.3356

36.5070, 0.3595,
0.3407

49.6445, 0.3192,
0.3308

31.1132, 0.3860,
0.3458

57.4447, 0.3041,
0.3264

26.4622, 0.4176,
0.3508

66.1013, 0.2916,
0.3224

22.5212, 0.4541,
0.3550

75.6393, 0.2813,
0.3187

19.2548, 0.4946,
0.3578

85.6900, 0.2756,
0.3217

■ 16.6245, 0.5364,
0.3581

■ 89.9438, 0.2762,
0.3289

■ 14.5879, 0.5754,
0.3554

■ 13.0970, 0.6063,
0.3494

■ 12.4398, 0.6206,
0.3454

Harmonies

Analogous

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



42.6725, 0.3307, 0.3244



42.6725, 0.3374, 0.3356



42.6725, 0.3373, 0.3454

Triad

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



42.6725, 0.3374, 0.3356



42.6725, 0.3060, 0.3442



42.6725, 0.2950, 0.3074

Complementary

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



42.6725, 0.3374, 0.3356



47.3390, 0.2914, 0.3223

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.



42.6725, 0.2887, 0.3121



42.6725, 0.3374, 0.3356



42.6725, 0.2950, 0.3334

Square

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



42.6725, 0.3374, 0.3356



42.6725, 0.3190, 0.3507



42.6725, 0.2887, 0.3216



42.6725, 0.3060, 0.3084

Rectangle

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



42.6725, 0.3374, 0.3356



42.6725, 0.3335, 0.3498



42.6725, 0.2887, 0.3216



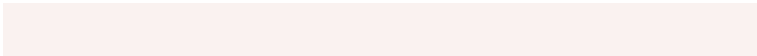
42.6725, 0.2922, 0.3084

Sweetspot

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



42.6744, 0.3374, 0.3356



89.9503, 0.3192, 0.3308



41.7085, 0.3186, 0.3009



19.0803, 0.3205, 0.3312



97.7402, 0.3127, 0.3290



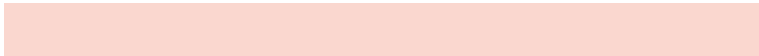
20.4902, 0.3127, 0.3290

Same Dimension

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



42.6744, 0.3374, 0.3356



73.5792, 0.3441, 0.3372



47.9698, 0.3350, 0.3528



10.3731, 0.3284, 0.3333



8.4576, 0.6188, 0.3469



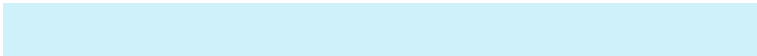
0.4592, 0.5776, 0.3796

Inverse Universe

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



47.3390, 0.2914, 0.3223



83.7423, 0.2866, 0.3206



41.9054, 0.2908, 0.3041



11.1008, 0.2984, 0.3246



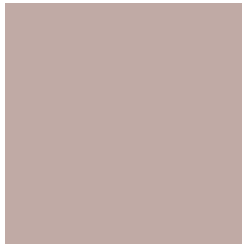
18.7617, 0.2081, 0.2693



0.8949, 0.2122, 0.2840

Previews

White Background



This preview shows how the Yxy color 42.6725, 0.3374, 0.3356 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 42.6725, 0.3374, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

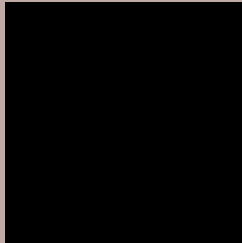
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6725, 0.3374, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 42.6725, 0.3374, 0.3356.



This preview shows how white text looks on a background with the Yxy color 42.6725, 0.3374, 0.3356.

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

42.6725, 0.3374, 0.3356

Protanopia

42.7654, 0.3240, 0.3385

Deuteranopia

42.6946, 0.3405, 0.3343



Tritanopia

42.8108, 0.3254, 0.3124

Trichromacy



Original Color

42.6725, 0.3374, 0.3356

Protanomaly

42.8307, 0.3286, 0.3384

Deuteranomaly

42.5619, 0.3395, 0.3343

Tritanomaly

42.8085, 0.3296, 0.3213

Monochromacy



Original Color

42.6725, 0.3374, 0.3356

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1957, 0.3215, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6725, 0.3374, 0.3356 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, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 170, 165)  
}
```

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, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 170, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.6725, 0.3374, 0.3356 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, 170, 165) }
```

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

```
.border{ border-color:rgb(192, 170, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 170,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6725, 0.3374, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 170, 165) }
```

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

```
.background{ background-color: rgb(192,  
170, 165) }
```

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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