

Converting Colors

$Y_{xy}(42.3129, 0.3357, 0.3358)$

Have a look what the booklet for
Yxy(42.3129, 0.3357, 0.3358)
contains.

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Color

Yxy(42.4132, 0.3356, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	BEAAA5
RGB	190, 170, 165
RGB Percent	75%, 67%, 65%
CMY	0.2547, 0.3334, 0.3529
CMYK	0.00, 0.11, 0.13, 0.25
HSL	12°, 16%, 70%
HSV	12°, 13%, 75%
XYZ	42.4132, 42.4132, 41.5538
YIQ	175.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

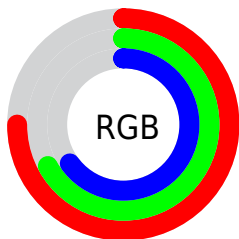
Format	Color
RYB	190, 171, 165
Decimal	12495525
CIELab	71.15, 6.42, 5.20
CIElCh	71, 8.256, 39.006
Yxy	42.4132, 0.3356, 0.3356
Android (android.graphics.Color)	4290685605 (0xFFBEAAA5)
YUV	175.4100, -5.1321, 12.7954
Hunter-Lab	65.1254, 2.2794, 7.7573

Details

The Yxy color $42.4132, 0.3356, 0.3356$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.4561, 0.2927, 0.3223$, and the grayscale version is $43.1195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6106, 0.3309, 0.3342$, and $19.3834, 0.3421, 0.3381$ is the 20% darker color. If you saturate the color by 10%, you get $36.3897, 0.3572, 0.3410$, and if you desaturate by 10%, it is $49.2052, 0.3177, 0.3305$.

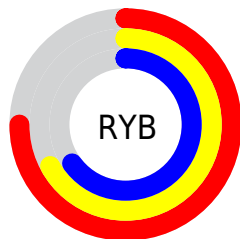
Distribution



Red (75%)

Green (67%)

Blue (65%)



Red (75%)

Yellow (67%)

Blue (65%)

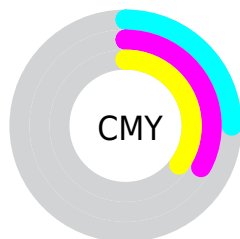


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4132, 0.3356, 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 42.4132, 0.3356, 0.3356 by changing the saturation by 10% instead.


 42.4132, 0.3356,
0.3356


 42.4132, 0.3356,
0.3356


356.1930, 0.3239,
0.3324

 29.4250, 0.3386,
0.3364


 78.8246, 0.3313,
0.3344

 19.4025, 0.3425,
0.3374


 103.0166, 0.3297,
0.3340

 11.9615, 0.3478,
0.3387


131.7119, 0.3284,
0.3336

 6.7175, 0.3553,
0.3405

165.2950, 0.3272,
0.3333

 3.2860, 0.3669,
0.3432

204.1503, 0.3262,
0.3330

 1.2828, 0.3872,
0.3472

248.6621, 0.3254,

 0.1279, 0.6851,

0.3328

0.3149

299.2149, 0.3246,
0.3325

0.0000, 0.0000,
0.0000

42.4132, 0.3356,
0.3356

42.4132, 0.3356,
0.3356

36.3897, 0.3572,
0.3410

49.2052, 0.3177,
0.3305

31.1019, 0.3831,
0.3465

56.7858, 0.3029,
0.3258

26.5233, 0.4139,
0.3518

65.1811, 0.2906,
0.3216

22.6232, 0.4495,
0.3565

74.4147, 0.2804,
0.3177

19.3690, 0.4891,
0.3597

84.1799, 0.2744,
0.3194

■ 16.7250, 0.5305,
0.3605

■ 89.6948, 0.2752,
0.3289

■ 14.6523, 0.5695,
0.3580

■ 13.1068, 0.6014,
0.3521

■ 12.3231, 0.6182,
0.3473

Harmonies

Analogous

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



42.4132, 0.3297, 0.3252



42.4132, 0.3356, 0.3356



42.4132, 0.3352, 0.3445

Triad

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



42.4132, 0.3356, 0.3356



42.4132, 0.3060, 0.3426



42.4132, 0.2967, 0.3090

Complementary

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



42.4132, 0.3356, 0.3356



46.4561, 0.2927, 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.



42.4132, 0.2907, 0.3132



42.4132, 0.3356, 0.3356



42.4132, 0.2959, 0.3325

Square

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



42.4132, 0.3356, 0.3356



42.4132, 0.3180, 0.3488



42.4132, 0.2904, 0.3217



42.4132, 0.3071, 0.3101

Rectangle

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



42.4132, 0.3356, 0.3356



42.4132, 0.3315, 0.3484



42.4132, 0.2904, 0.3217



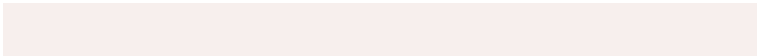
42.4132, 0.2941, 0.3098

Sweetspot

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



42.4151, 0.3356, 0.3356



87.9579, 0.3192, 0.3310



41.3922, 0.3182, 0.3027



19.1001, 0.3204, 0.3313



97.7402, 0.3127, 0.3290



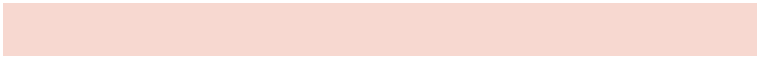
20.4902, 0.3127, 0.3290

Same Dimension

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



42.4151, 0.3356, 0.3356



73.3022, 0.3418, 0.3372



47.1803, 0.3335, 0.3512



9.8348, 0.3283, 0.3336



8.2790, 0.6162, 0.3489



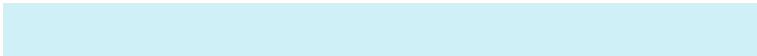
0.4170, 0.5711, 0.3847

Inverse Universe

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



46.4561, 0.2927, 0.3223



82.1379, 0.2881, 0.3206



41.5867, 0.2923, 0.3057



10.4791, 0.2985, 0.3243



17.5796, 0.2069, 0.2648



0.7720, 0.2116, 0.2819

Previews

White Background



This preview shows how the Yxy color 42.4132, 0.3356, 0.3356 looks on a white background.

Color Contrast Check

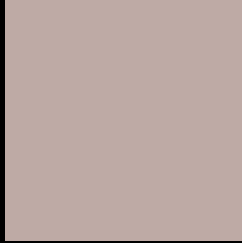
Large Text (above 18pt) WCAG AA × Fail

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 42.4132, 0.3356, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

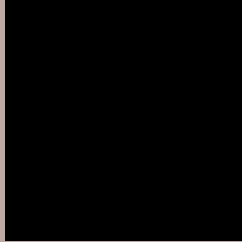
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4132, 0.3356, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 42.4132, 0.3356, 0.3356.



This preview shows how white text looks on a background with the Yxy color 42.4132, 0.3356, 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

42.4132, 0.3356, 0.3356

Protanopia

42.6458, 0.3230, 0.3385

Deuteranopia

42.1912, 0.3397, 0.3330



Tritanopia

42.5479, 0.3236, 0.3123

Trichromacy



Original Color

42.4132, 0.3356, 0.3356

Protanomaly

42.7076, 0.3277, 0.3384

Deuteranomaly

42.4300, 0.3386, 0.3343

Tritanomaly

42.5474, 0.3278, 0.3213

Monochromacy



Original Color

42.4132, 0.3356, 0.3356

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5307, 0.3207, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4132, 0.3356, 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(190, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 170, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.4132, 0.3356, 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(190, 170, 165) }
```

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

```
.border{ border-color:rgb(190, 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(190, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(190, 170,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4132, 0.3356, 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(190, 170, 165) }
```

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

```
.background{ background-color: rgb(190,  
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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