

Converting Colors

$Yxy(47.4728, 0.3242, 0.3357)$

Have a look what the booklet for
Yxy(47.4728, 0.3242, 0.3357)
contains.

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Color

Yxy(47.5774, 0.3236, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	BEB6B1
RGB	190, 182, 177
RGB Percent	75%, 71%, 69%
CMY	0.2548, 0.2863, 0.3058
CMYK	0.00, 0.04, 0.07, 0.25
HSL	23°, 9%, 72%
HSV	23°, 7%, 75%
XYZ	45.9035, 47.5774, 48.3718
YIQ	183.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

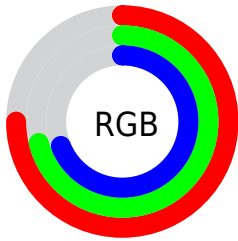
Format	Color
RYB	190, 185, 177
Decimal	12498609
CIELab	74.56, 1.95, 3.53
CIELCh	75, 4.032, 61.009
Yxy	47.5774, 0.3236, 0.3354
Android (android.graphics.Color)	4290688689 (0xFFBEB6B1)
YUV	183.8220, -3.3632, 5.4181
Hunter-Lab	68.9764, -1.9175, 6.7045

Details

The Yxy color $47.5774, 0.3236, 0.3354$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.7844, 0.3023, 0.3225$, and the grayscale version is $47.8485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6251, 0.3212, 0.3340$, and $22.4741, 0.3277, 0.3378$ is the 20% darker color. If you saturate the color by 10%, you get $42.2693, 0.3418, 0.3453$, and if you desaturate by 10%, it is $53.3975, 0.3081, 0.3261$.

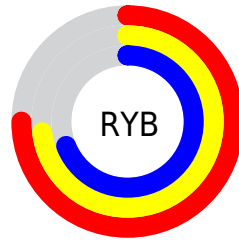
Distribution



Red (75%)

Green (71%)

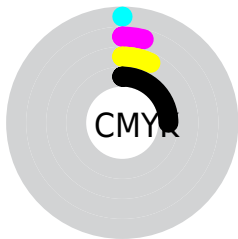
Blue (69%)



Red (75%)

Yellow (73%)

Blue (69%)

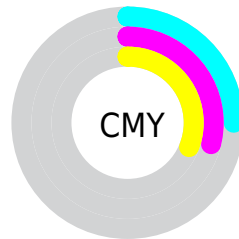


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5774, 0.3236, 0.3354 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 47.5774, 0.3236, 0.3354 by changing the saturation by 10% instead.


 47.5774, 0.3236,
0.3354

 47.5774, 0.3236,
0.3354


377.1146, 0.3182,
0.3322

 33.4923, 0.3250,
0.3362


 86.5749, 0.3216,
0.3343

 22.5039, 0.3267,
0.3372


112.2561, 0.3209,
0.3338

 14.2276, 0.3290,
0.3385


142.5714, 0.3203,
0.3335

 8.2791, 0.3323,
0.3403

177.9053, 0.3197,
0.3331

 4.2741, 0.3371,
0.3431

218.6422, 0.3193,
0.3329

 1.8280, 0.3452,
0.3475

265.1665, 0.3188,

 0.5046, 0.3951,

0.3326

0.3781

317.8625, 0.3185,
0.3324

0.0000, 0.0000,
0.0000

47.5774, 0.3236,
0.3354

47.5774, 0.3236,
0.3354

42.2693, 0.3418,
0.3453

53.3975, 0.3081,
0.3261

37.4528, 0.3629,
0.3556

59.7370, 0.2948,
0.3176

33.1152, 0.3872,
0.3660

66.6109, 0.2834,
0.3097

29.2410, 0.4149,
0.3760

74.0318, 0.2737,
0.3025

25.8134, 0.4455,
0.3847

80.8656, 0.2738,
0.3134

■ 22.8149, 0.4780,
0.3910

■ 88.0200, 0.2749,
0.3261

■ 20.2265, 0.5108,
0.3937

■ 89.6891, 0.2752,
0.3289

■ 18.0273, 0.5413,
0.3916

■ 16.1928, 0.5671,
0.3845

Harmonies

Analogous

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



47.5774, 0.3230, 0.3309



47.5774, 0.3236, 0.3354



47.5774, 0.3213, 0.3382

Triad

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



47.5774, 0.3236, 0.3354



47.5774, 0.3059, 0.3320



47.5774, 0.3087, 0.3196

Complementary

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



47.5774, 0.3236, 0.3354



47.7844, 0.3023, 0.3225

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.



47.5774, 0.3042, 0.3199



47.5774, 0.3236, 0.3354



47.5774, 0.3026, 0.3270

Square

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



47.5774, 0.3236, 0.3354



47.5774, 0.3111, 0.3363



47.5774, 0.3020, 0.3225



47.5774, 0.3143, 0.3219

Rectangle

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



47.5774, 0.3236, 0.3354



47.5774, 0.3184, 0.3388



47.5774, 0.3020, 0.3225



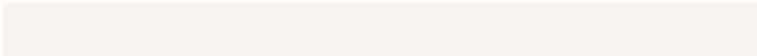
47.5774, 0.3070, 0.3194

Sweetspot

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



47.5795, 0.3236, 0.3354



91.1529, 0.3158, 0.3309



45.9170, 0.3174, 0.3185



20.0398, 0.3157, 0.3308



97.7402, 0.3127, 0.3290



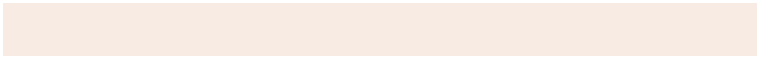
20.4902, 0.3127, 0.3290

Same Dimension

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



47.5795, 0.3236, 0.3354



84.9099, 0.3258, 0.3366



50.2120, 0.3229, 0.3433



10.1190, 0.3279, 0.3378



10.5655, 0.5724, 0.3837



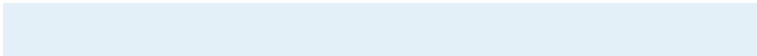
0.5412, 0.5277, 0.4192

Inverse Universe

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



47.7844, 0.3023, 0.3225



85.3475, 0.3003, 0.3212



45.2117, 0.3024, 0.3142



10.1793, 0.2984, 0.3200



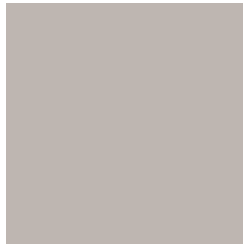
11.1294, 0.1889, 0.2001



0.5588, 0.1985, 0.2344

Previews

White Background



This preview shows how the Yxy color 47.5774, 0.3236, 0.3354 looks on a white background.

Color Contrast Check

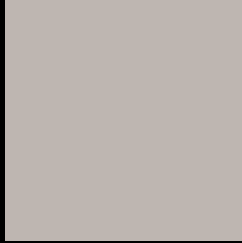
Large Text (above 18pt) WCAG AA × Fail

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 47.5774, 0.3236, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

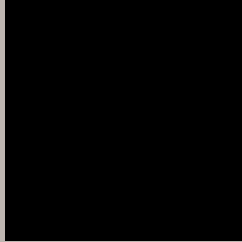
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

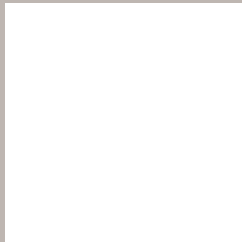
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5774, 0.3236, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 47.5774, 0.3236, 0.3354.



This preview shows how white text looks on a background with the Yxy color 47.5774, 0.3236, 0.3354.

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

47.5774, 0.3236, 0.3354

Protanopia

47.7327, 0.3218, 0.3367

Deuteranopia

47.3551, 0.3350, 0.3278



Tritanopia

47.3417, 0.3119, 0.3102

Trichromacy



Original Color

47.5774, 0.3236, 0.3354

Protanomaly

47.8601, 0.3226, 0.3367

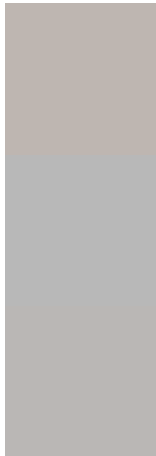
Deuteranomaly

47.4603, 0.3302, 0.3303

Tritanomaly

47.3497, 0.3158, 0.3189

Monochromacy



Original Color

47.5774, 0.3236, 0.3354

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6423, 0.3168, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5774, 0.3236, 0.3354 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, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 182, 177)  
}
```

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, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.5774, 0.3236, 0.3354 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, 182, 177) }
```

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

```
.border{ border-color:rgb(190, 182, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(190, 182,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5774, 0.3236, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 182, 177) }
```

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

```
.background{ background-color: rgb(190,  
182, 177) }
```

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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