

Converting Colors

Yxy(60.3301, 0.3100, 0.3492)

Have a look what the booklet for
Yxy(60.3301, 0.3100, 0.3492)
contains.

Yxy(60.3538, 0.3103, 0.3497)	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(60.3538, 0.3103, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	BED1C0
RGB	190, 209, 192
RGB Percent	75%, 82%, 75%
CMY	0.2548, 0.1804, 0.2472
CMYK	0.09, 0.00, 0.08, 0.18
HSL	126°, 17%, 78%
HSV	126°, 9%, 82%
XYZ	53.5539, 60.3538, 58.6797
YIQ	201.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

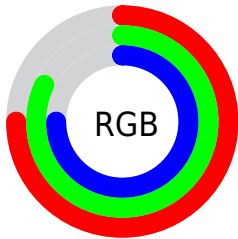
Format	Color
RYB	190, 207, 209
Decimal	12505536
CIELab	82.03, -9.57, 6.26
CIELCh	82, 11.437, 146.812
Yxy	60.3538, 0.3103, 0.3497
Android (android.graphics.Color)	4290695616 (0xFFBED1C0)
YUV	201.3810, -4.6248, -9.9811
Hunter-Lab	77.6877, -12.9049, 9.5980

Details

The Yxy color **60.3538, 0.3103, 0.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9051, 0.3152, 0.3091**, and the grayscale version is **58.6929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8901, 0.3112, 0.3358**, and **30.6251, 0.3095, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **57.0754, 0.3075, 0.3754**, and if you desaturate by 10%, it is **64.1294, 0.3130, 0.3270**.

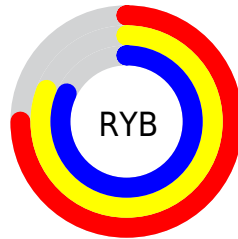
Distribution



Red (75%)

Green (82%)

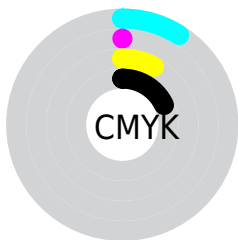
Blue (75%)



Red (75%)

Yellow (81%)

Blue (82%)

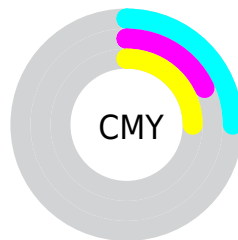


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3538, 0.3103, 0.3497 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 60.3538, 0.3103, 0.3497 by changing the saturation by 10% instead.

■ 60.3538, 0.3103,
0.3497

■ 60.3538, 0.3103,
0.3497

425.9006, 0.3115,
0.3397

■ 43.7039, 0.3100,
0.3521

■ 105.3427, 0.3108,
0.3461

■ 30.4378, 0.3096,
0.3552

134.4505, 0.3109,
0.3447

■ 20.1711, 0.3091,
0.3592

168.4797, 0.3111,
0.3436

■ 12.5195, 0.3083,
0.3646

207.8147, 0.3112,
0.3426

■ 7.0985, 0.3072,
0.3725

252.8399, 0.3113,
0.3417

■ 3.5238, 0.3053,
0.3847

303.9397, 0.3114,

■ 1.4109, 0.3016,

0.3409

0.4065

361.4985, 0.3115,
0.3403

0.2247, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3538, 0.3103,
0.3497

60.3538, 0.3103,
0.3497

57.0754, 0.3075,
0.3754

64.1294, 0.3130,
0.3270

54.2660, 0.3048,
0.4041

68.4134, 0.3155,
0.3073

51.9065, 0.3022,
0.4354

73.2267, 0.3178,
0.2902

49.9735, 0.2998,
0.4682

74.0801, 0.3148,
0.2841

■ 48.4414, 0.2980,
0.5011

■ 47.2818, 0.2969,
0.5320

■ 46.4627, 0.2966,
0.5588

■ 45.9465, 0.2971,
0.5793

■ 45.6749, 0.2981,
0.5926

Harmonies

Analogous

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



60.3538, 0.3249, 0.3547



60.3538, 0.3103, 0.3497



60.3538, 0.2966, 0.3387

Triad

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



60.3538, 0.3103, 0.3497



60.3538, 0.2893, 0.3057



60.3538, 0.3389, 0.3319

Complementary

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



60.3538, 0.3103, 0.3497



54.9051, 0.3152, 0.3091

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.



60.3538, 0.3289, 0.3194



60.3538, 0.3103, 0.3497



60.3538, 0.3002, 0.3045

Square

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



60.3538, 0.3103, 0.3497



60.3538, 0.2846, 0.3132



60.3538, 0.3146, 0.3095



60.3538, 0.3417, 0.3439

Rectangle

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



60.3538, 0.3103, 0.3497



60.3538, 0.2897, 0.3298



60.3538, 0.3146, 0.3095



60.3538, 0.3362, 0.3276

Sweetspot

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



60.3564, 0.3103, 0.3497



98.1434, 0.3119, 0.3356



62.5994, 0.3246, 0.3512



20.9031, 0.3117, 0.3375



0.0000, 0.0000, 0.0000



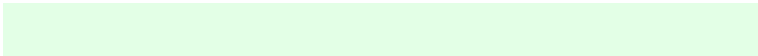
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3564, 0.3103, 0.3497



93.5457, 0.3097, 0.3547



60.7883, 0.3039, 0.3381



13.2256, 0.3102, 0.3505



28.1573, 0.2978, 0.5922



1.5812, 0.2918, 0.5703

Inverse Universe

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



54.9051, 0.3152, 0.3091



83.2075, 0.3158, 0.3046



54.4569, 0.3225, 0.3201



11.9874, 0.3153, 0.3084



10.5953, 0.3482, 0.1692



0.5986, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 60.3538, 0.3103, 0.3497 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 60.3538, 0.3103, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

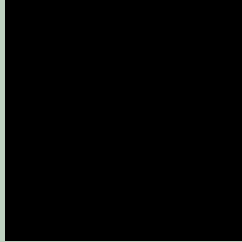
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

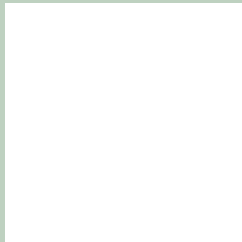
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3538, 0.3103, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 60.3538, 0.3103, 0.3497.



This preview shows how white text looks on a background with the Yxy color 60.3538, 0.3103, 0.3497.

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

60.3538, 0.3103, 0.3497

Protanopia

60.2349, 0.3292, 0.3454

Deuteranopia

60.1584, 0.3392, 0.3324



Tritanopia

60.4852, 0.2944, 0.3103

Trichromacy



Original Color

60.3538, 0.3103, 0.3497

Protanomaly

60.0769, 0.3219, 0.3469

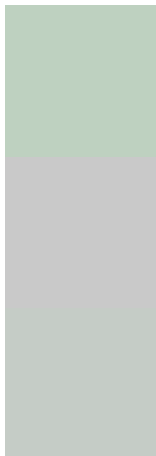
Deuteranomaly

59.9197, 0.3289, 0.3383

Tritanomaly

60.1332, 0.3003, 0.3242

Monochromacy



Original Color

60.3538, 0.3103, 0.3497

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1333, 0.3116, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3538, 0.3103, 0.3497 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, 209, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 192)  
}
```

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, 209, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.3538, 0.3103, 0.3497 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, 209, 192) }
```

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

```
.border{ border-color:rgb(190, 209, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 209, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3538, 0.3103, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 192) }
```

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

```
.background{ background-color: rgb(190,  
209, 192) }
```

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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