

Converting Colors

$Yxy(60.0028, 0.3130, 0.3495)$

Have a look what the booklet for
Yxy(60.0028, 0.3130, 0.3495)
contains.

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Color

Yxy(60.0798, 0.3125, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	C0D0BF
RGB	192, 208, 191
RGB Percent	75%, 82%, 75%
CMY	0.2470, 0.1843, 0.2509
CMYK	0.08, 0.00, 0.08, 0.18
HSL	116°, 15%, 78%
HSV	116°, 8%, 82%
XYZ	53.7041, 60.0798, 58.0691
YIQ	201.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

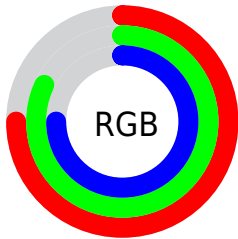
Format	Color
RYB	191, 208, 207
Decimal	12636351
CIELab	81.88, -8.55, 6.57
CIELCh	82, 10.780, 142.442
Yxy	60.0798, 0.3125, 0.3496
Android (android.graphics.Color)	4290826431 (0xFFC0D0BF)
YUV	201.2780, -5.0671, -8.1368
Hunter-Lab	77.5112, -11.9698, 9.8395

Details

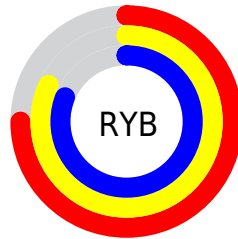
The Yxy color **60.0798, 0.3125, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0911, 0.3128, 0.3091**, and the grayscale version is **58.6282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1919, 0.3130, 0.3367**, and **30.3495, 0.3115, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **56.8424, 0.3121, 0.3779**, and if you desaturate by 10%, it is **63.7923, 0.3128, 0.3247**.

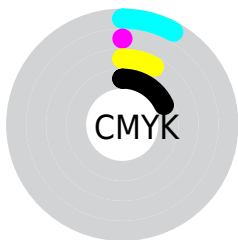
Distribution



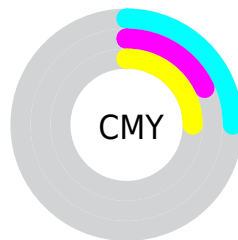
- Red (75%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0798, 0.3125, 0.3496 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 60.0798, 0.3125, 0.3496 by changing the saturation by 10% instead.


 60.0798, 0.3125,
0.3496

 60.0798, 0.3125,
0.3496


424.8918, 0.3127,
0.3396

 43.4830, 0.3124,
0.3520


 104.9454, 0.3126,
0.3460

 30.2642, 0.3124,
0.3551


133.9830, 0.3126,
0.3447

 20.0392, 0.3122,
0.3590


167.9363, 0.3126,
0.3435

 12.4236, 0.3120,
0.3645


207.1896, 0.3126,
0.3425

 7.0328, 0.3117,
0.3723

252.1275, 0.3126,
0.3416

 3.4826, 0.3110,
0.3845

303.1342, 0.3127,

 1.3886, 0.3094,

0.3409

0.4061

360.5942, 0.3127,
0.3402

0.2083, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0798, 0.3125,
0.3496

60.0798, 0.3125,
0.3496

56.8424, 0.3121,
0.3779

63.7923, 0.3128,
0.3247

54.0536, 0.3114,
0.4093

67.9899, 0.3129,
0.3029

51.6960, 0.3105,
0.4433

72.6919, 0.3129,
0.2841

49.7479, 0.3093,
0.4786

73.5903, 0.3149,
0.2831

■ 48.1862, 0.3079,
0.5132

■ 46.9848, 0.3062,
0.5447

■ 46.1151, 0.3044,
0.5703

■ 45.5436, 0.3026,
0.5882

■ 45.2275, 0.3012,
0.5978

Harmonies

Analogous

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



60.0798, 0.3261, 0.3533



60.0798, 0.3125, 0.3496



60.0798, 0.2992, 0.3399

Triad

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



60.0798, 0.3125, 0.3496



60.0798, 0.2895, 0.3077



60.0798, 0.3364, 0.3300

Complementary

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



60.0798, 0.3125, 0.3496



55.0911, 0.3128, 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.



60.0798, 0.3262, 0.3184



60.0798, 0.3125, 0.3496



60.0798, 0.2991, 0.3056

Square

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



60.0798, 0.3125, 0.3496



60.0798, 0.2861, 0.3155



60.0798, 0.3125, 0.3096



60.0798, 0.3401, 0.3416

Rectangle

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



60.0798, 0.3125, 0.3496



60.0798, 0.2922, 0.3316



60.0798, 0.3125, 0.3096



60.0798, 0.3336, 0.3260

Sweetspot

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



60.0824, 0.3125, 0.3496



98.7768, 0.3127, 0.3339



61.7326, 0.3249, 0.3476



21.1551, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



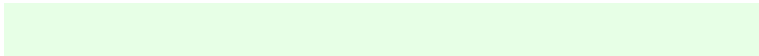
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0824, 0.3125, 0.3496



94.1941, 0.3124, 0.3549



60.2845, 0.3067, 0.3406



13.2390, 0.3125, 0.3530



28.1801, 0.3014, 0.5989



1.5876, 0.3060, 0.5952

Inverse Universe

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



55.0911, 0.3128, 0.3091



84.5122, 0.3129, 0.3043



54.8817, 0.3192, 0.3177



11.9722, 0.3129, 0.3060



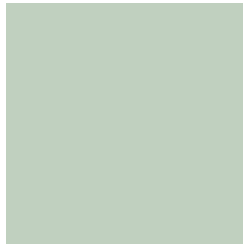
10.1477, 0.3063, 0.1461



0.5784, 0.3092, 0.1477

Previews

White Background



This preview shows how the Yxy color 60.0798, 0.3125, 0.3496 looks on a white background.

Color Contrast Check

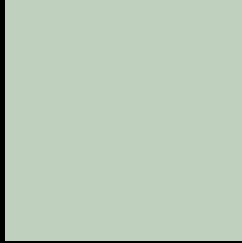
Large Text (above 18pt) WCAG AA × Fail

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 60.0798, 0.3125, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

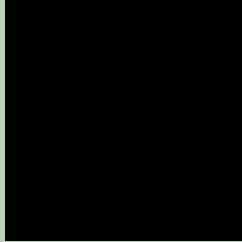
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

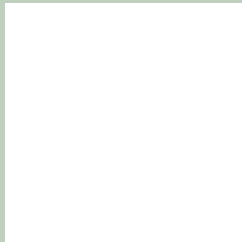
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0798, 0.3125, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 60.0798, 0.3125, 0.3496.



This preview shows how white text looks on a background with the Yxy color 60.0798, 0.3125, 0.3496.

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

60.0798, 0.3125, 0.3496

Protanopia

60.1916, 0.3299, 0.3466

Deuteranopia

59.6610, 0.3402, 0.3325



Tritanopia

60.2234, 0.2965, 0.3103

Trichromacy



Original Color

60.0798, 0.3125, 0.3496

Protanomaly

60.1741, 0.3234, 0.3480

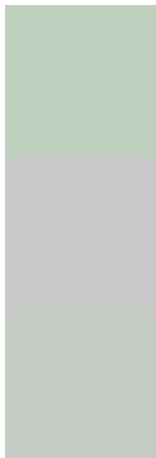
Deuteranomaly

59.4105, 0.3297, 0.3383

Tritanomaly

59.8682, 0.3024, 0.3242

Monochromacy



Original Color

60.0798, 0.3125, 0.3496

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2227, 0.3131, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0798, 0.3125, 0.3496 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, 208, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 191)  
}
```

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, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.0798, 0.3125, 0.3496 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, 208, 191) }
```

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

```
.border{ border-color:rgb(192, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0798, 0.3125, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 191) }
```

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

```
.background{ background-color: rgb(192,  
208, 191) }
```

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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