

Converting Colors

$Yxy(60.5160, 0.3221, 0.3506)$

Have a look what the booklet for
Yxy(60.5160, 0.3221, 0.3506)
contains.

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Color

Yxy(60.3300, 0.3225, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	CACEBC
RGB	202, 206, 188
RGB Percent	79%, 81%, 74%
CMY	0.2077, 0.1922, 0.2628
CMYK	0.02, 0.00, 0.09, 0.19
HSL	73°, 16%, 77%
HSV	73°, 9%, 81%
XYZ	55.5105, 60.3300, 56.2850
YIQ	202.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

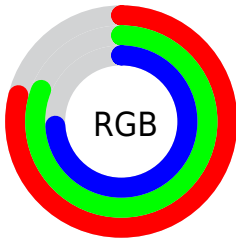
Format	Color
RYB	188, 206, 192
Decimal	13291196
CIELab	82.02, -4.55, 8.48
CIELCh	82, 9.625, 118.189
Yxy	60.3300, 0.3225, 0.3505
Android (android.graphics.Color)	4291481276 (0xFFCACEBC)
YUV	202.7520, -7.2727, -0.6595
Hunter-Lab	77.6724, -8.3573, 11.4064

Details

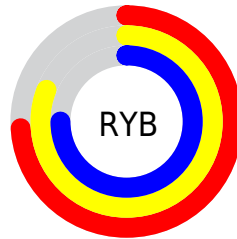
The Yxy color **60.3300, 0.3225, 0.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6142, 0.3024, 0.3070**, and the grayscale version is **59.6057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **30.5016, 0.3247, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **58.8837, 0.3338, 0.3763**, and if you desaturate by 10%, it is **61.9269, 0.3113, 0.3260**.

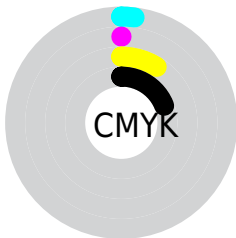
Distribution



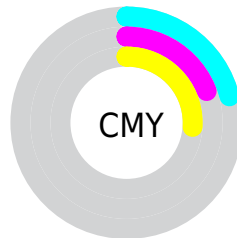
- Red (79%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (21%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3300, 0.3225, 0.3505 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 60.3300, 0.3225, 0.3505 by changing the saturation by 10% instead.

 60.3300, 0.3225,
0.3505

 60.3300, 0.3225,
0.3505


425.8131, 0.3179,
0.3401

 43.6847, 0.3236,
0.3530


 105.3082, 0.3209,
0.3468

 30.4227, 0.3249,
0.3561


134.4099, 0.3202,
0.3454

 20.1596, 0.3267,
0.3602


168.4325, 0.3197,
0.3442

 12.5111, 0.3290,
0.3657

207.7604, 0.3192,
0.3432

 7.0928, 0.3322,
0.3736

252.7781, 0.3188,
0.3423

 3.5202, 0.3370,
0.3858

303.8698, 0.3185,

 1.4090, 0.3452,

0.3415

0.4075

361.4200, 0.3182,
0.3408

0.2233, 0.3120,
0.6880

0.0000, 0.0000,
0.0000

60.3300, 0.3225,
0.3505

60.3300, 0.3225,
0.3505

58.8837, 0.3338,
0.3763

61.9269, 0.3113,
0.3260

57.5746, 0.3450,
0.4029

63.6718, 0.3006,
0.3032

56.3996, 0.3556,
0.4295

65.5721, 0.2904,
0.2821

55.3522, 0.3651,
0.4551

66.6019, 0.2903,
0.2774

■ 54.4254, 0.3729,
0.4788

■ 67.3193, 0.2934,
0.2779

■ 53.6118, 0.3786,
0.4993

■ 68.0561, 0.2966,
0.2784

■ 52.9024, 0.3818,
0.5157

■ 68.8123, 0.2998,
0.2788

■ 52.2872, 0.3825,
0.5276

■ 69.5881, 0.3030,
0.2793

■ 51.7499, 0.3809,
0.5351

■ 70.3836, 0.3062,
0.2798

Harmonies

Analogous

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



60.3300, 0.3324, 0.3489



60.3300, 0.3225, 0.3505



60.3300, 0.3101, 0.3460

Triad

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



60.3300, 0.3225, 0.3505



60.3300, 0.2890, 0.3153



60.3300, 0.3268, 0.3214

Complementary

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



60.3300, 0.3225, 0.3505



51.6142, 0.3024, 0.3070

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.



60.3300, 0.3149, 0.3128



60.3300, 0.3225, 0.3505



60.3300, 0.2933, 0.3092

Square

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



60.3300, 0.3225, 0.3505



60.3300, 0.2910, 0.3254



60.3300, 0.3027, 0.3084



60.3300, 0.3349, 0.3320

Rectangle

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



60.3300, 0.3225, 0.3505



60.3300, 0.3022, 0.3402



60.3300, 0.3027, 0.3084



60.3300, 0.3231, 0.3182

Sweetspot

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



60.3326, 0.3225, 0.3505



99.1992, 0.3161, 0.3363



54.4004, 0.3273, 0.3337



21.1877, 0.3170, 0.3383



0.0000, 0.0000, 0.0000



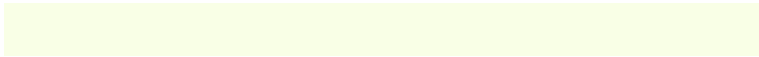
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3326, 0.3225, 0.3505



97.4167, 0.3241, 0.3540



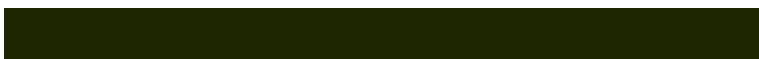
59.1201, 0.3156, 0.3510



12.9674, 0.3232, 0.3521



31.8713, 0.3812, 0.5355



1.6758, 0.3890, 0.5293

Inverse Universe

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



51.6142, 0.3024, 0.3070



81.2166, 0.3007, 0.3033



52.8175, 0.3096, 0.3075



10.9610, 0.3016, 0.3053



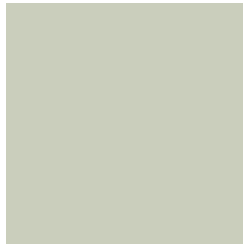
3.1274, 0.1622, 0.0667



0.1959, 0.1820, 0.0776

Previews

White Background



This preview shows how the Yxy color 60.3300, 0.3225, 0.3505 looks on a white background.

Color Contrast Check

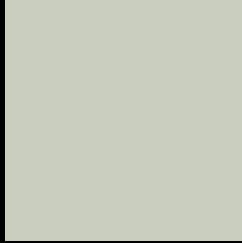
Large Text (above 18pt) WCAG AA × Fail

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 60.3300, 0.3225, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

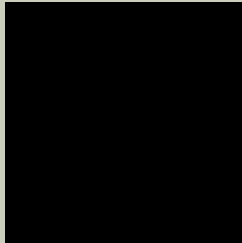
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

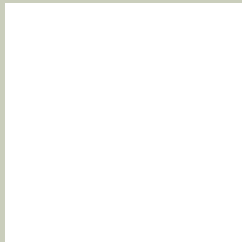
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3300, 0.3225, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 60.3300, 0.3225, 0.3505.



This preview shows how white text looks on a background with the Yxy color 60.3300, 0.3225, 0.3505.

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

60.3300, 0.3225, 0.3505

Protanopia

60.2541, 0.3322, 0.3489

Deuteranopia

60.3082, 0.3440, 0.3369



Tritanopia

60.4248, 0.3045, 0.3106

Trichromacy



Original Color

60.3300, 0.3225, 0.3505

Protanomaly

60.1835, 0.3281, 0.3491

Deuteranomaly

60.0427, 0.3361, 0.3417

Tritanomaly

60.1960, 0.3114, 0.3243

Monochromacy



Original Color

60.3300, 0.3225, 0.3505

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9595, 0.3162, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3300, 0.3225, 0.3505 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(202, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 188)  
}
```

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(202, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.3300, 0.3225, 0.3505 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(202, 206, 188) }
```

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

```
.border{ border-color:rgb(202, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 206, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 206, 188); box-shadow:4px 4px 4px 4px rgb(202, 206, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3300, 0.3225, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 188) }
```

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

```
.background{ background-color: rgb(202,  
206, 188) }
```

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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