

Converting Colors

$Yxy(60.3413, 0.3225, 0.3406)$

Have a look what the booklet for
Yxy(60.3413, 0.3225, 0.3406)
contains.

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Color

Yxy(60.3462, 0.3222, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	CFCCC2
RGB	207, 204, 194
RGB Percent	81%, 80%, 76%
CMY	0.1884, 0.1999, 0.2393
CMYK	0.00, 0.01, 0.06, 0.19
HSL	46°, 12%, 79%
HSV	46°, 6%, 81%
XYZ	57.0527, 60.3462, 59.6733
YIQ	203.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

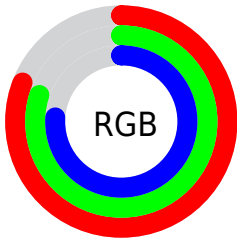
Format	Color
RYB	198, 207, 194
Decimal	13618370
CIELab	82.03, -0.75, 5.34
CIELCh	82, 5.392, 97.987
Yxy	60.3462, 0.3222, 0.3408
Android (android.graphics.Color)	4291808450 (0xFFCFCCC2)
YUV	203.7570, -4.8102, 2.8441
Hunter-Lab	77.6828, -4.8490, 8.8334

Details

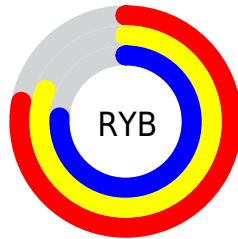
The Yxy color **60.3462, 0.3222, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8713, 0.3032, 0.3169**, and the grayscale version is **60.2483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **30.4784, 0.3254, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **57.2864, 0.3383, 0.3603**, and if you desaturate by 10%, it is **63.6079, 0.3073, 0.3222**.

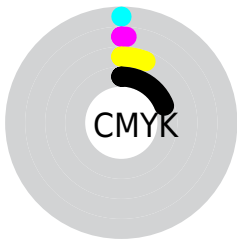
Distribution



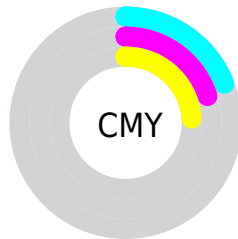
- Red (81%)
- Green (80%)
- Blue (76%)



- Red (78%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3462, 0.3222, 0.3408 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 60.3462, 0.3222, 0.3408 by changing the saturation by 10% instead.

■ 60.3462, 0.3222,
0.3408

■ 60.3462, 0.3222,
0.3408

■ 425.8727, 0.3177,
0.3351

■ 43.6977, 0.3233,
0.3421

■ 105.3317, 0.3206,
0.3388

■ 30.4330, 0.3246,
0.3438

■ 134.4376, 0.3200,
0.3380

■ 20.1674, 0.3264,
0.3460

■ 168.4646, 0.3195,
0.3374

■ 12.5168, 0.3287,
0.3490

■ 207.7974, 0.3190,
0.3368

■ 7.0967, 0.3320,
0.3532

■ 252.8202, 0.3186,
0.3363

■ 3.5226, 0.3371,
0.3595

■ 303.9174, 0.3183,

■ 1.4103, 0.3456,

0.3359

0.3705

361.4734, 0.3179,
0.3355

0.2243, 0.4649,
0.5351

0.0000, 0.0000,
0.0000

60.3462, 0.3222,
0.3408

60.3462, 0.3222,
0.3408

57.2864, 0.3383,
0.3603

63.6079, 0.3073,
0.3222

54.4147, 0.3556,
0.3803

67.0692, 0.2937,
0.3046

51.7275, 0.3736,
0.4002

70.6685, 0.2821,
0.2894

49.2181, 0.3919,
0.4192

73.1369, 0.2824,
0.2946

46.8790, 0.4098,
0.4364

75.6746, 0.2827,
0.2997

44.7025, 0.4267,
0.4507

78.2824, 0.2829,
0.3048

42.6794, 0.4416,
0.4611

80.9606, 0.2832,
0.3098

40.7994, 0.4539,
0.4670

83.7098, 0.2835,
0.3148

39.0497, 0.4633,
0.4681

86.5306, 0.2838,
0.3198

Harmonies

Analogous

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



60.3462, 0.3258, 0.3379



60.3462, 0.3222, 0.3408



60.3462, 0.3161, 0.3405

Triad

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



60.3462, 0.3222, 0.3408



60.3462, 0.2997, 0.3251



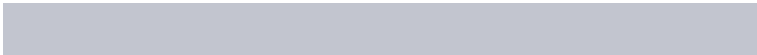
60.3462, 0.3163, 0.3212

Complementary

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



60.3462, 0.3222, 0.3408



55.8713, 0.3032, 0.3169

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.



60.3462, 0.3093, 0.3179



60.3462, 0.3222, 0.3408



60.3462, 0.2998, 0.3200

Square

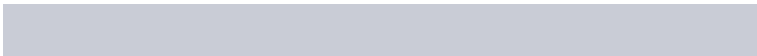
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3462, 0.3222, 0.3408



60.3462, 0.3031, 0.3313



60.3462, 0.3033, 0.3174



60.3462, 0.3224, 0.3267

Rectangle

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



60.3462, 0.3222, 0.3408



60.3462, 0.3114, 0.3385



60.3462, 0.3033, 0.3174



60.3462, 0.3140, 0.3198

Sweetspot

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



60.3488, 0.3222, 0.3408



98.9407, 0.3157, 0.3328



55.8706, 0.3209, 0.3254



21.1885, 0.3156, 0.3326



0.0000, 0.0000, 0.0000



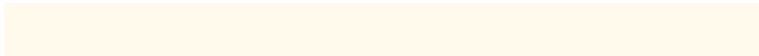
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3488, 0.3222, 0.3408



95.8408, 0.3251, 0.3443



61.2667, 0.3192, 0.3443



13.3242, 0.3272, 0.3469



24.3657, 0.4656, 0.4685



1.4765, 0.4555, 0.4766

Inverse Universe

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



55.8713, 0.3032, 0.3169



86.6778, 0.3003, 0.3132



55.0131, 0.3059, 0.3135



11.8461, 0.2982, 0.3105



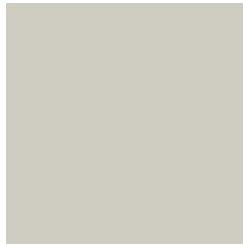
4.2335, 0.1570, 0.0853



0.3594, 0.1669, 0.1206

Previews

White Background



This preview shows how the Yxy color 60.3462, 0.3222, 0.3408 looks on a white background.

Color Contrast Check

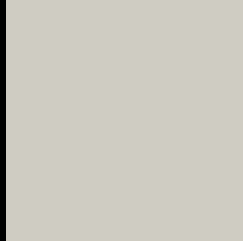
Large Text (above 18pt) WCAG AA × Fail

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 60.3462, 0.3222, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

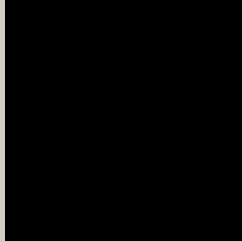
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

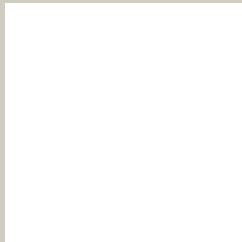
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3462, 0.3222, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 60.3462, 0.3222, 0.3408.

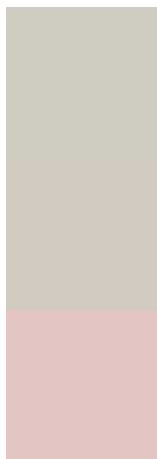


This preview shows how white text looks on a background with the Yxy color 60.3462, 0.3222, 0.3408.

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

60.3462, 0.3222, 0.3408

Protanopia

60.2638, 0.3254, 0.3407

Deuteranopia

60.2035, 0.3384, 0.3313



Tritanopia

60.4328, 0.3089, 0.3119

Trichromacy



Original Color

60.3462, 0.3222, 0.3408

Protanomaly

60.1174, 0.3246, 0.3407

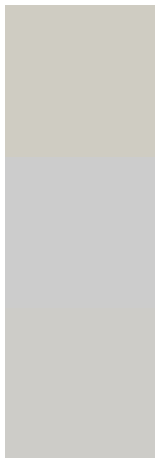
Deuteranomaly

60.4643, 0.3323, 0.3348

Tritanomaly

60.3504, 0.3138, 0.3221

Monochromacy



Original Color

60.3462, 0.3222, 0.3408

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3350, 0.3163, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3462, 0.3222, 0.3408 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(207, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 194)  
}
```

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(207, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 194) }
```

Border

The CSS property to change the border of an element to Yxy 60.3462, 0.3222, 0.3408 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(207, 204, 194) }
```

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

```
.border{ border-color:rgb(207, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(207, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3462, 0.3222, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 194) }
```

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

```
.background{ background-color: rgb(207,  
204, 194) }
```

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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