

Converting Colors

$Yxy(56.2506, 0.3212, 0.3362)$

Have a look what the booklet for
Yxy(56.2506, 0.3212, 0.3362)
contains.

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Color

Yxy(56.2506, 0.3212, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	CAC5BF
RGB	202, 197, 191
RGB Percent	79%, 77%, 75%
CMY	0.2076, 0.2275, 0.2509
CMYK	0.00, 0.03, 0.05, 0.21
HSL	32°, 9%, 77%
HSV	32°, 5%, 79%
XYZ	53.7409, 56.2506, 57.3214
YIQ	197.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

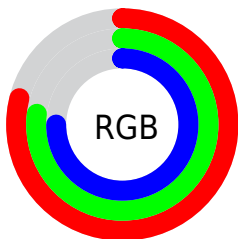
Format	Color
R _Y B	200, 202, 191
Decimal	13288895
CIE Lab	79.76, 0.71, 3.61
CIE LCh	80, 3.675, 78.860
Yxy	56.2506, 0.3212, 0.3362
Android (android.graphics.Color)	4291478975 (0xFFCAC5BF)
YUV	197.8110, -3.3578, 3.6738
Hunter-Lab	75.0004, -3.3480, 7.1860

Details

The Yxy color `56.2506, 0.3212, 0.3362` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `54.8665, 0.3044, 0.3217`, and the grayscale version is `56.3762, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.8590, 0.3174, 0.3357`, and `27.7758, 0.3231, 0.3371` is the 20% darker color. If you saturate the color by 10%, you get `51.3356, 0.3383, 0.3500`, and if you desaturate by 10%, it is `61.5531, 0.3061, 0.3232`.

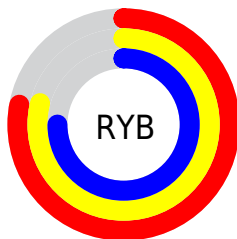
Distribution



Red (79%)

Green (77%)

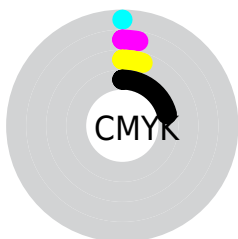
Blue (75%)



Red (78%)

Yellow (79%)

Blue (75%)

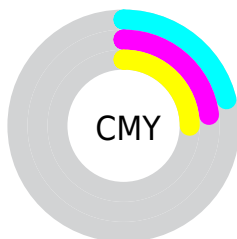


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (21%)



Cyan (21%)


Magenta (23%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2506, 0.3212, 0.3362 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 56.2506, 0.3212, 0.3362 by changing the saturation by 10% instead.

 56.2506, 0.3212,
0.3362

 56.2506, 0.3212,
0.3362


410.6352, 0.3171,
0.3327

 40.4039, 0.3222,
0.3370


 99.3709, 0.3197,
0.3350

 27.8536, 0.3234,
0.3381


127.4132, 0.3192,
0.3345

 18.2153, 0.3251,
0.3395


160.2896, 0.3187,
0.3341

 11.1047, 0.3273,
0.3413

198.3844, 0.3183,
0.3337

 6.1373, 0.3305,
0.3440

242.0819, 0.3179,
0.3334

 2.9287, 0.3355,
0.3481

291.7666, 0.3176,

 1.0946, 0.3444,

0.3332

0.3555

347.8229, 0.3173,
0.3329

0.0000, 0.0000,
0.0000

56.2506, 0.3212,
0.3362

56.2506, 0.3212,
0.3362

51.3356, 0.3383,
0.3500

61.5531, 0.3061,
0.3232

46.7911, 0.3576,
0.3643

67.2450, 0.2929,
0.3112

42.6095, 0.3791,
0.3788

73.3376, 0.2814,
0.3000

38.7801, 0.4026,
0.3928

78.7069, 0.2801,
0.3067

35.2915, 0.4276,
0.4055

84.1385, 0.2808,
0.3167

■ 32.1318, 0.4534,
0.4158

■ 89.8514, 0.2815,
0.3265

■ 29.2876, 0.4786,
0.4223

■ 91.3055, 0.2816,
0.3289

■ 26.7444, 0.5017,
0.4240

■ 24.4853, 0.5215,
0.4204

Harmonies

Analogous

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



56.2506, 0.3222, 0.3331



56.2506, 0.3212, 0.3362



56.2506, 0.3179, 0.3374

Triad

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



56.2506, 0.3212, 0.3362



56.2506, 0.3049, 0.3290



56.2506, 0.3121, 0.3218

Complementary

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



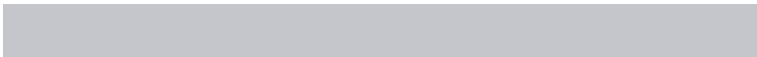
56.2506, 0.3212, 0.3362



54.8665, 0.3044, 0.3217

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.



56.2506, 0.3075, 0.3207



56.2506, 0.3212, 0.3362



56.2506, 0.3034, 0.3248

Square

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



56.2506, 0.3212, 0.3362



56.2506, 0.3085, 0.3333



56.2506, 0.3043, 0.3218



56.2506, 0.3169, 0.3248

Rectangle

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



56.2506, 0.3212, 0.3362



56.2506, 0.3149, 0.3369



56.2506, 0.3043, 0.3218



56.2506, 0.3105, 0.3212

Sweetspot

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



56.2530, 0.3212, 0.3362



98.1894, 0.3158, 0.3316



53.8256, 0.3178, 0.3228



21.0356, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



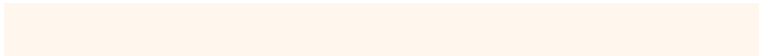
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2530, 0.3212, 0.3362



93.7799, 0.3238, 0.3384



58.5474, 0.3204, 0.3422



12.4122, 0.3245, 0.3390



15.3198, 0.5278, 0.4191



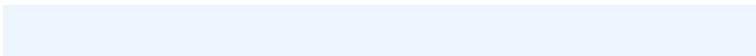
0.9411, 0.5010, 0.4404

Inverse Universe

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



54.8665, 0.3044, 0.3217



90.7696, 0.3019, 0.3194



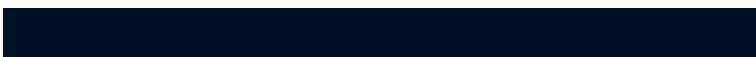
52.6600, 0.3048, 0.3154



11.9895, 0.3012, 0.3188



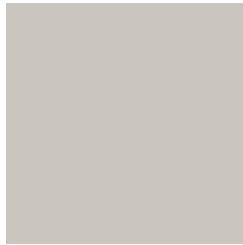
7.9379, 0.1739, 0.1460



0.5607, 0.1843, 0.1834

Previews

White Background



This preview shows how the Yxy color 56.2506, 0.3212, 0.3362 looks on a white background.

Color Contrast Check

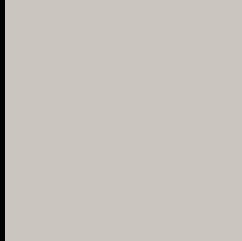
Large Text (above 18pt) WCAG AA × Fail

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 56.2506, 0.3212, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

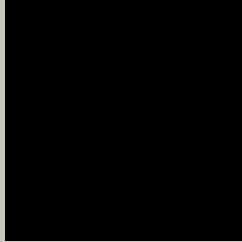
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

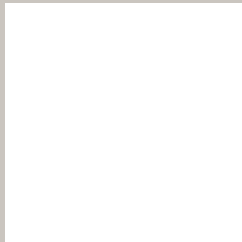
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2506, 0.3212, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 56.2506, 0.3212, 0.3362.

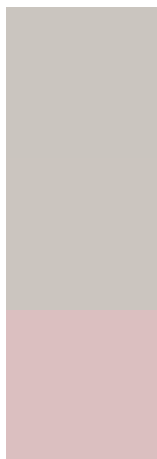


This preview shows how white text looks on a background with the Yxy color 56.2506, 0.3212, 0.3362.

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

56.2506, 0.3212, 0.3362

Protanopia

56.3906, 0.3220, 0.3362

Deuteranopia

56.1274, 0.3351, 0.3279



Tritanopia

56.1662, 0.3104, 0.3114

Trichromacy



Original Color

56.2506, 0.3212, 0.3362

Protanomaly

56.3906, 0.3220, 0.3362

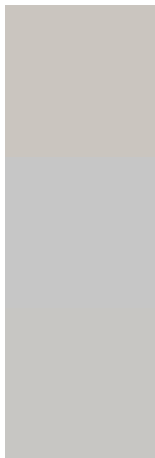
Deuteranomaly

56.0918, 0.3298, 0.3302

Tritanomaly

56.1319, 0.3147, 0.3207

Monochromacy



Original Color

56.2506, 0.3212, 0.3362

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4704, 0.3157, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2506, 0.3212, 0.3362 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, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 197, 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(202, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 197, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.2506, 0.3212, 0.3362 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, 197, 191) }
```

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

```
.border{ border-color:rgb(202, 197, 191) }
```

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

Here you see how a box with a 4 pixel rgb(202, 197, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 197,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2506, 0.3212, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 197, 191) }
```

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

```
.background{ background-color: rgb(202,  
197, 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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