

Converting Colors

Yxy(55.2869, 0.3235, 0.3188)

Have a look what the booklet for
Yxy(55.2869, 0.3235, 0.3188)
contains.

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Color

Yxy(55.3822, 0.3238, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFC7
RGB	212, 191, 199
RGB Percent	83%, 75%, 78%
CMY	0.1686, 0.2510, 0.2197
CMYK	0.00, 0.10, 0.06, 0.17
HSL	337°, 20%, 79%
HSV	337°, 10%, 83%
XYZ	56.0925, 55.3822, 61.7571
YIQ	198.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

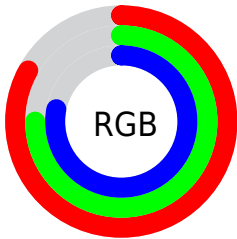
Format	Color
R _Y B	212, 191, 199
Decimal	13942727
CIE Lab	79.26, 8.79, -1.31
CIE LCh	79, 8.887, 351.518
Yxy	55.3822, 0.3238, 0.3197
Android (android.graphics.Color)	4292132807 (0xFFD4BFC7)
YUV	198.1910, 0.3988, 12.1105
Hunter-Lab	74.4192, 4.3083, 2.8914

Details

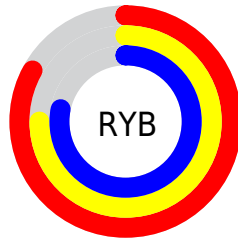
The Yxy color $55.3822, 0.3238, 0.3197$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.5319, 0.3028, 0.3385$, and the grayscale version is $56.5889, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $27.3894, 0.3265, 0.3182$ is the 20% darker color. If you saturate the color by 10%, you get $46.2124, 0.3374, 0.3098$, and if you desaturate by 10%, it is $65.9481, 0.3126, 0.3291$.

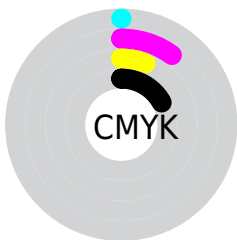
Distribution



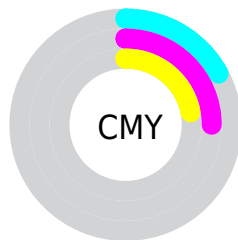
- Red (83%)
- Green (75%)
- Blue (78%)



- Red (83%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (17%)




- Cyan (17%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3822, 0.3238, 0.3197 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 55.3822, 0.3238, 0.3197 by changing the saturation by 10% instead.


 55.3822, 0.3238,
0.3197

 55.3822, 0.3238,
0.3197


407.3591, 0.3184,
0.3242

 39.7078, 0.3251,
0.3186


 98.1007, 0.3219,
0.3213

 27.3108, 0.3267,
0.3173


125.9136, 0.3212,
0.3219

 17.8068, 0.3289,
0.3155


158.5415, 0.3205,
0.3224

 10.8114, 0.3318,
0.3131

196.3687, 0.3200,
0.3229

 5.9401, 0.3359,
0.3097

239.7797, 0.3195,
0.3233

 2.8087, 0.3424,
0.3043

289.1588, 0.3191,

 1.0327, 0.3539,

0.3236

0.2950

344.8905, 0.3188,
0.3239

0.0000, 0.9817,
0.0000

0.0000, 0.0000,
0.0000

55.3822, 0.3238,
0.3197

55.3822, 0.3238,
0.3197

46.2124, 0.3374,
0.3098

65.9481, 0.3126,
0.3291

38.3729, 0.3540,
0.2995

77.9580, 0.3035,
0.3378

31.8033, 0.3739,
0.2893

91.4663, 0.2960,
0.3458

26.4357, 0.3975,
0.2798

92.5201, 0.2890,
0.3325

■ 22.1960, 0.4247,
0.2720

■ 92.7392, 0.2872,
0.3289

■ 19.0016, 0.4551,
0.2671

■ 16.7583, 0.4871,
0.2663

■ 15.3550, 0.5187,
0.2705

■ 14.5926, 0.5479,
0.2793

Harmonies

Analogous

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



55.3822, 0.3122, 0.3123



55.3822, 0.3238, 0.3197



55.3822, 0.3325, 0.3296

Triad

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



55.3822, 0.3238, 0.3197



55.3822, 0.3244, 0.3496



55.3822, 0.2901, 0.3179

Complementary

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



55.3822, 0.3238, 0.3197



62.5319, 0.3028, 0.3385

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.



55.3822, 0.2933, 0.3280



55.3822, 0.3238, 0.3197



55.3822, 0.3129, 0.3466

Square

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



55.3822, 0.3238, 0.3197



55.3822, 0.3329, 0.3469



55.3822, 0.3016, 0.3386



55.3822, 0.2929, 0.3111

Rectangle

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



55.3822, 0.3238, 0.3197



55.3822, 0.3355, 0.3363



55.3822, 0.3016, 0.3386



55.3822, 0.2905, 0.3210

Sweetspot

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



55.3846, 0.3238, 0.3197



94.9141, 0.3159, 0.3262



54.8484, 0.3074, 0.3043



20.0318, 0.3168, 0.3255



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.



55.3846, 0.3238, 0.3197



80.8443, 0.3266, 0.3175



56.1017, 0.3297, 0.3319



12.4981, 0.3232, 0.3202



9.0218, 0.5445, 0.2773



0.5600, 0.4976, 0.2515

Inverse Universe

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



55.3846, 0.3238, 0.3197



80.8443, 0.3266, 0.3175



61.7085, 0.2975, 0.3261



12.4981, 0.3232, 0.3202



9.0218, 0.5445, 0.2773



0.5600, 0.4976, 0.2515

Previews

White Background



This preview shows how the Yxy color 55.3822, 0.3238, 0.3197 looks on a white background.

Color Contrast Check

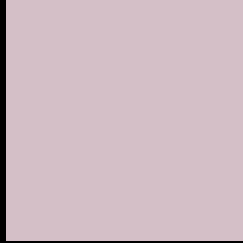
Large Text (above 18pt) WCAG AA × Fail

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 55.3822, 0.3238, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

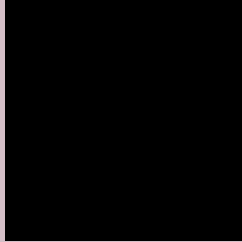
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3822, 0.3238, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 55.3822, 0.3238, 0.3197.



This preview shows how white text looks on a background with the Yxy color 55.3822, 0.3238, 0.3197.

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

55.3822, 0.3238, 0.3197

Protanopia

55.3002, 0.3099, 0.3206

Deuteranopia

55.2466, 0.3255, 0.3186



Tritanopia

55.3808, 0.3200, 0.3116

Trichromacy



Original Color

55.3822, 0.3238, 0.3197

Protanomaly

55.4971, 0.3147, 0.3207

Deuteranomaly

55.0966, 0.3247, 0.3185

Tritanomaly

55.2848, 0.3216, 0.3139

Monochromacy



Original Color

55.3822, 0.3238, 0.3197

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8039, 0.3169, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3822, 0.3238, 0.3197 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(212, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 199)  
}
```

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(212, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.3822, 0.3238, 0.3197 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(212, 191, 199) }
```

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

```
.border{ border-color:rgb(212, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3822, 0.3238, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 199) }
```

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

```
.background{ background-color: rgb(212,  
191, 199) }
```

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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