

Converting Colors

Yxy(57.2050, 0.3287, 0.3403)

Have a look what the booklet for
Yxy(57.2050, 0.3287, 0.3403)
contains.

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Color

Yxy(56.9732, 0.3283, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	D0C5BC
RGB	208, 197, 188
RGB Percent	82%, 77%, 74%
CMY	0.1842, 0.2275, 0.2627
CMYK	0.00, 0.05, 0.10, 0.18
HSL	27°, 18%, 78%
HSV	27°, 10%, 82%
XYZ	55.0612, 56.9732, 55.6818
YIQ	199.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

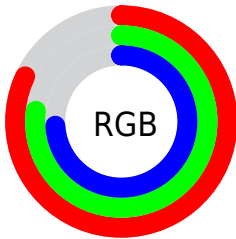
Format	Color
R _Y B	208, 204, 188
Decimal	13682108
CIE Lab	80.16, 2.31, 5.86
CIE LCh	80, 6.302, 68.511
Yxy	56.9732, 0.3283, 0.3397
Android (android.graphics.Color)	4291872188 (0xFFD0C5BC)
YUV	199.2630, -5.5527, 7.6623
Hunter-Lab	75.4806, -1.8797, 9.0984

Details

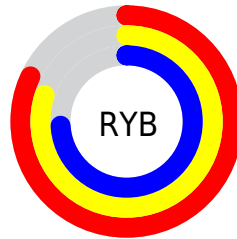
The Yxy color $56.9732, 0.3283, 0.3397$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.1149, 0.2979, 0.3181$, and the grayscale version is $57.3163, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6753, 0.3192, 0.3386$, and $28.2642, 0.3327, 0.3417$ is the 20% darker color. If you saturate the color by 10%, you get $51.1322, 0.3469, 0.3515$, and if you desaturate by 10%, it is $63.3445, 0.3121, 0.3286$.

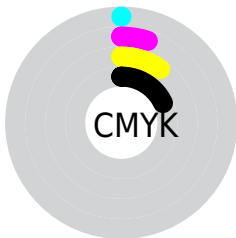
Distribution



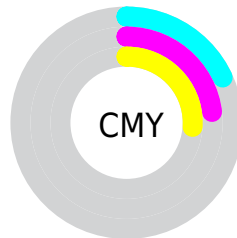
- Red (82%)
- Green (77%)
- Blue (74%)



- Red (82%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9732, 0.3283, 0.3397 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 56.9732, 0.3283, 0.3397 by changing the saturation by 10% instead.

 56.9732, 0.3283,
0.3397

 56.9732, 0.3283,
0.3397

413.3489, 0.3207,
0.3346

 40.9837, 0.3301,
0.3409


 100.4261, 0.3256,
0.3379

 28.3064, 0.3324,
0.3425


128.6583, 0.3246,
0.3372

 18.5567, 0.3354,
0.3445


161.7402, 0.3237,
0.3366

 11.3504, 0.3395,
0.3471

200.0562, 0.3230,
0.3361

 6.3031, 0.3453,
0.3510

243.9906, 0.3223,
0.3356

 3.0302, 0.3544,
0.3568

293.9280, 0.3217,

 1.1475, 0.3713,

0.3352

0.3676

350.2526, 0.3212,
0.3349

0.0182, 0.8018,
0.1982

0.0000, 0.0000,
0.0000

56.9732, 0.3283,
0.3397

56.9732, 0.3283,
0.3397

51.1322, 0.3469,
0.3515

63.3445, 0.3121,
0.3286

45.7998, 0.3683,
0.3636

70.2521, 0.2982,
0.3182

40.9634, 0.3925,
0.3758

77.7119, 0.2861,
0.3087

36.6073, 0.4194,
0.3872

84.6466, 0.2842,
0.3162

■ 32.7147, 0.4483,
0.3969

■ 91.7185, 0.2849,
0.3282

■ 29.2677, 0.4782,
0.4037

■ 92.1528, 0.2849,
0.3289

■ 26.2468, 0.5074,
0.4064

■ 23.6303, 0.5338,
0.4038

■ 21.3879, 0.5561,
0.3963

Harmonies

Analogous

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



56.9732, 0.3285, 0.3335



56.9732, 0.3283, 0.3397



56.9732, 0.3239, 0.3431

Triad

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



56.9732, 0.3283, 0.3397



56.9732, 0.3012, 0.3316



56.9732, 0.3088, 0.3158

Complementary

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



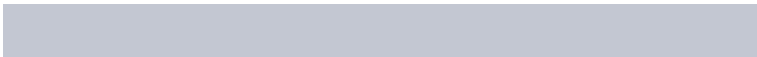
56.9732, 0.3283, 0.3397



56.1149, 0.2979, 0.3181

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.



56.9732, 0.3016, 0.3151



56.9732, 0.3283, 0.3397



56.9732, 0.2972, 0.3242

Square

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



56.9732, 0.3283, 0.3397



56.9732, 0.3082, 0.3384



56.9732, 0.2974, 0.3181



56.9732, 0.3171, 0.3199

Rectangle

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



56.9732, 0.3283, 0.3397



56.9732, 0.3192, 0.3433



56.9732, 0.2974, 0.3181



56.9732, 0.3061, 0.3152

Sweetspot

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



56.9757, 0.3283, 0.3397



96.8565, 0.3174, 0.3323



53.5273, 0.3205, 0.3156



20.5543, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



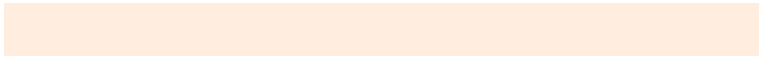
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9757, 0.3283, 0.3397



87.8919, 0.3328, 0.3426



61.5183, 0.3271, 0.3509



12.6695, 0.3279, 0.3395



13.4647, 0.5545, 0.3979



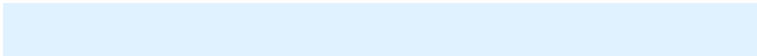
0.9102, 0.5236, 0.4225

Inverse Universe

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



56.1149, 0.2979, 0.3181



86.1983, 0.2940, 0.3150



51.7958, 0.2978, 0.3061



12.4823, 0.2983, 0.3183



10.6235, 0.1823, 0.1762



0.7512, 0.1908, 0.2068

Previews

White Background



This preview shows how the Yxy color 56.9732, 0.3283, 0.3397 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 56.9732, 0.3283, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

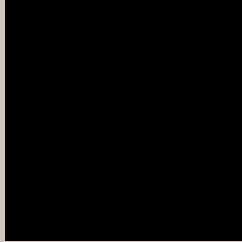
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9732, 0.3283, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 56.9732, 0.3283, 0.3397.

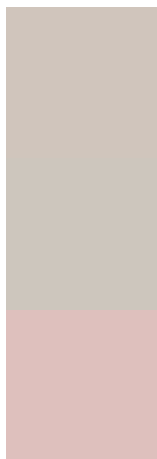


This preview shows how white text looks on a background with the Yxy color 56.9732, 0.3283, 0.3397.

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

56.9732, 0.3283, 0.3397

Protanopia

57.0414, 0.3250, 0.3398

Deuteranopia

56.9030, 0.3399, 0.3325



Tritanopia

57.0359, 0.3151, 0.3117

Trichromacy



Original Color

56.9732, 0.3283, 0.3397

Protanomaly

57.1841, 0.3258, 0.3398

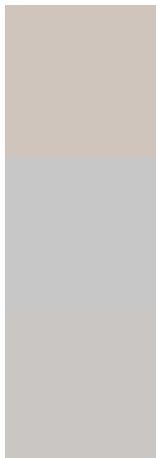
Deuteranomaly

57.0094, 0.3354, 0.3349

Tritanomaly

56.9489, 0.3202, 0.3220

Monochromacy



Original Color

56.9732, 0.3283, 0.3397

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8849, 0.3181, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9732, 0.3283, 0.3397 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(208, 197, 188)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 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(208, 197, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.9732, 0.3283, 0.3397 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(208, 197, 188) }
```

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

```
.border{ border-color:rgb(208, 197, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 188);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9732, 0.3283, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 188) }
```

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

```
.background{ background-color: rgb(208,  
197, 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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