

Converting Colors

Yxy(56.3456, 0.3294, 0.3388)

Have a look what the booklet for
Yxy(56.3456, 0.3294, 0.3388)
contains.

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Color

Yxy(56.4776, 0.3292, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	D0C4BB
RGB	208, 196, 187
RGB Percent	82%, 77%, 73%
CMY	0.1844, 0.2313, 0.2668
CMYK	0.00, 0.06, 0.10, 0.18
HSL	26°, 18%, 77%
HSV	26°, 10%, 82%
XYZ	54.7158, 56.4776, 55.0150
YIQ	198.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

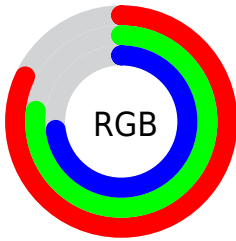
Format	Color
R _Y B	208, 203, 187
Decimal	13681851
CIE Lab	79.88, 2.64, 6.02
CIE LCh	80, 6.577, 66.327
Yxy	56.4776, 0.3292, 0.3398
Android (android.graphics.Color)	4291871931 (0xFFD0C4BB)
YUV	198.5620, -5.7001, 8.2771
Hunter-Lab	75.1516, -1.5543, 9.2027

Details

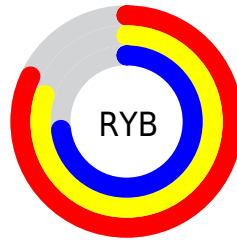
The Yxy color $56.4776, 0.3292, 0.3398$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.9348, 0.2972, 0.3180$, and the grayscale version is $56.8618, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9816, 0.3198, 0.3386$, and $27.9373, 0.3340, 0.3418$ is the 20% darker color. If you saturate the color by 10%, you get $50.5165, 0.3481, 0.3511$, and if you desaturate by 10%, it is $62.9948, 0.3129, 0.3291$.

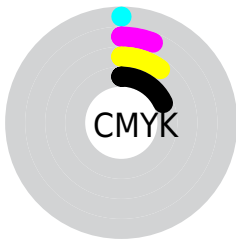
Distribution



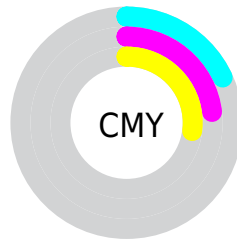
- Red (82%)
- Green (77%)
- Blue (73%)



- Red (82%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4776, 0.3292, 0.3398 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 56.4776, 0.3292, 0.3398 by changing the saturation by 10% instead.


 56.4776, 0.3292,
0.3398

 56.4776, 0.3292,
0.3398


411.4889, 0.3212,
0.3346

 40.5860, 0.3311,
0.3410


 99.7025, 0.3263,
0.3380

 27.9957, 0.3336,
0.3426


127.8046, 0.3253,
0.3373

 18.3224, 0.3368,
0.3446


160.7457, 0.3243,
0.3367

 11.1817, 0.3411,
0.3473


198.9101, 0.3235,
0.3361

 6.1892, 0.3473,
0.3512

242.6822, 0.3228,
0.3357

 2.9605, 0.3570,
0.3570

292.4464, 0.3222,

 1.1111, 0.3758,

0.3353

0.3686

348.5872, 0.3217,
0.3349

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4776, 0.3292,
0.3398

56.4776, 0.3292,
0.3398

50.5165, 0.3481,
0.3511

62.9948, 0.3129,
0.3291

45.0889, 0.3698,
0.3628

70.0753, 0.2988,
0.3192

40.1813, 0.3945,
0.3745

77.7355, 0.2867,
0.3100

35.7769, 0.4221,
0.3854

84.9733, 0.2842,
0.3168

■ 31.8577, 0.4518,
0.3945

■ 92.1474, 0.2849,
0.3289

■ 28.4046, 0.4826,
0.4008

■ 25.3967, 0.5127,
0.4028

■ 22.8110, 0.5397,
0.3995

■ 20.6351, 0.5623,
0.3917

Harmonies

Analogous

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



56.4776, 0.3290, 0.3332



56.4776, 0.3292, 0.3398



56.4776, 0.3249, 0.3436

Triad

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



56.4776, 0.3292, 0.3398



56.4776, 0.3011, 0.3323



56.4776, 0.3080, 0.3150

Complementary

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



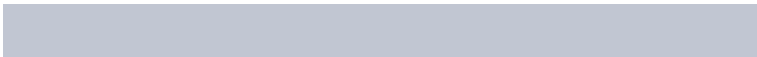
56.4776, 0.3292, 0.3398



55.9348, 0.2972, 0.3180

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.



56.4776, 0.3006, 0.3146



56.4776, 0.3292, 0.3398



56.4776, 0.2967, 0.3245

Square

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



56.4776, 0.3292, 0.3398



56.4776, 0.3086, 0.3393



56.4776, 0.2965, 0.3180



56.4776, 0.3167, 0.3190

Rectangle

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



56.4776, 0.3292, 0.3398



56.4776, 0.3201, 0.3440



56.4776, 0.2965, 0.3180



56.4776, 0.3052, 0.3144

Sweetspot

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



56.4801, 0.3292, 0.3398



96.7678, 0.3174, 0.3322



53.0706, 0.3207, 0.3145



20.5304, 0.3187, 0.3330



0.0000, 0.0000, 0.0000



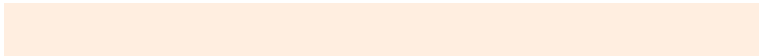
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4801, 0.3292, 0.3398



87.5610, 0.3328, 0.3421



61.2486, 0.3279, 0.3517



12.6328, 0.3280, 0.3390



13.0471, 0.5599, 0.3936



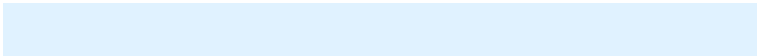
0.8857, 0.5279, 0.4191

Inverse Universe

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



55.9348, 0.2972, 0.3180



86.5360, 0.2940, 0.3156



51.3909, 0.2971, 0.3053



12.5196, 0.2983, 0.3188



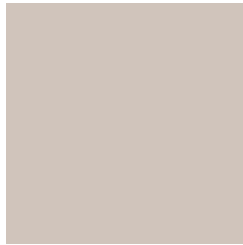
11.1821, 0.1841, 0.1827



0.7812, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 56.4776, 0.3292, 0.3398 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 56.4776, 0.3292, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

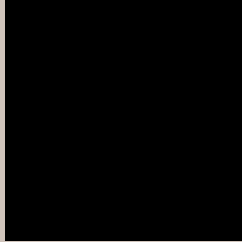
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

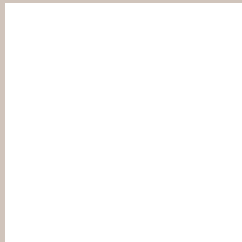
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4776, 0.3292, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 56.4776, 0.3292, 0.3398.

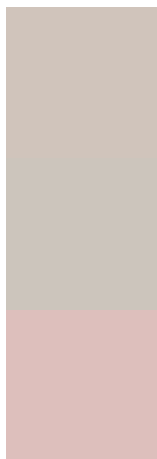


This preview shows how white text looks on a background with the Yxy color 56.4776, 0.3292, 0.3398.

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

56.4776, 0.3292, 0.3398

Protanopia

56.4007, 0.3250, 0.3398

Deuteranopia

56.2646, 0.3400, 0.3325



Tritanopia

56.5429, 0.3159, 0.3117

Trichromacy



Original Color

56.4776, 0.3292, 0.3398

Protanomaly

56.5425, 0.3259, 0.3398

Deuteranomaly

56.3697, 0.3355, 0.3349

Tritanomaly

56.4553, 0.3211, 0.3220

Monochromacy



Original Color

56.4776, 0.3292, 0.3398

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 56.4776, 0.3292, 0.3398 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, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 187)  
}
```

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, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 187) }
```

Border

The CSS property to change the border of an element to Yxy 56.4776, 0.3292, 0.3398 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, 196, 187) }
```

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

```
.border{ border-color:rgb(208, 196, 187) }
```

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

Here you see how a box with a 4 pixel rgb(208, 196, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4776, 0.3292, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 187) }
```

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

```
.background{ background-color: rgb(208,  
196, 187) }
```

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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