

Converting Colors

$Yxy(55.5060, 0.3363, 0.3424)$

Have a look what the booklet for
Yxy(55.5060, 0.3363, 0.3424)
contains.

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Color

Yxy(55.3662, 0.3360, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	D3C1B6
RGB	211, 193, 182
RGB Percent	83%, 76%, 71%
CMY	0.1726, 0.2431, 0.2861
CMYK	0.00, 0.09, 0.14, 0.17
HSL	23°, 25%, 77%
HSV	23°, 14%, 83%
XYZ	54.3790, 55.3662, 52.0970
YIQ	197.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

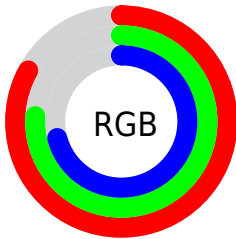
Format	Color
R _Y B	211, 200, 182
Decimal	13877686
CIE Lab	79.25, 4.51, 7.80
CIE LCh	79, 9.012, 59.936
Yxy	55.3662, 0.3360, 0.3421
Android (android.graphics.Color)	4292067766 (0xFFD3C1B6)
YUV	197.1280, -7.4581, 12.1657
Hunter-Lab	74.4085, 0.2360, 10.5741

Details

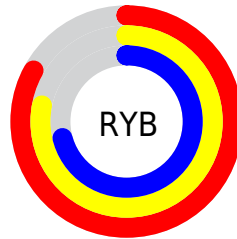
The Yxy color $55.3662, 0.3360, 0.3421$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.9743, 0.2915, 0.3155$, and the grayscale version is $55.9578, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.1844, 0.3231, 0.3397$, and $27.4091, 0.3420, 0.3465$ is the 20% darker color. If you saturate the color by 10%, you get $49.0192, 0.3564, 0.3523$, and if you desaturate by 10%, it is $62.3634, 0.3185, 0.3324$.

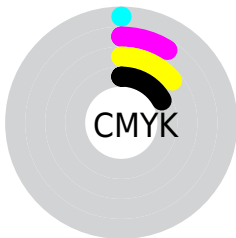
Distribution



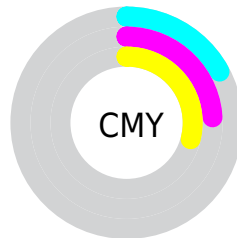
- Red (83%)
- Green (76%)
- Blue (71%)



- Red (83%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (17%)




- Cyan (17%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3662, 0.3360, 0.3421 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 55.3662, 0.3360, 0.3421 by changing the saturation by 10% instead.

 55.3662, 0.3360,
0.3421

 55.3662, 0.3360,
0.3421

407.2986, 0.3246,
0.3358

 39.6950, 0.3388,
0.3436


 98.0773, 0.3319,
0.3399

 27.3008, 0.3422,
0.3455


125.8860, 0.3304,
0.3390

 17.7993, 0.3468,
0.3479


158.5092, 0.3291,
0.3383

 10.8060, 0.3530,
0.3511

196.3315, 0.3279,
0.3377

 5.9365, 0.3620,
0.3556

239.7372, 0.3270,
0.3371

 2.8065, 0.3761,
0.3625

289.1107, 0.3261,

 1.0316, 0.4088,

0.3366

0.3808

344.8363, 0.3253,
0.3362

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3662, 0.3360,
0.3421

55.3662, 0.3360,
0.3421

49.0192, 0.3564,
0.3523

62.3634, 0.3185,
0.3324

43.2958, 0.3800,
0.3627

70.0216, 0.3036,
0.3234

38.1784, 0.4070,
0.3728

78.3609, 0.2909,
0.3151

33.6456, 0.4372,
0.3820

86.6393, 0.2861,
0.3190

■ 29.6749, 0.4697,
0.3890

■ 92.5879, 0.2866,
0.3289

■ 26.2418, 0.5031,
0.3927

■ 23.3197, 0.5349,
0.3918

■ 20.8788, 0.5623,
0.3857

■ 19.5711, 0.5771,
0.3800

Harmonies

Analogous

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



55.3662, 0.3344, 0.3325



55.3662, 0.3360, 0.3421



55.3662, 0.3312, 0.3485

Triad

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



55.3662, 0.3360, 0.3421



55.3662, 0.2986, 0.3358



55.3662, 0.3037, 0.3092

Complementary

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



55.3662, 0.3360, 0.3421



55.9743, 0.2915, 0.3155

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.



55.3662, 0.2944, 0.3097



55.3662, 0.3360, 0.3421



55.3662, 0.2915, 0.3249

Square

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



55.3662, 0.3360, 0.3421



55.3662, 0.3095, 0.3450



55.3662, 0.2900, 0.3154



55.3662, 0.3156, 0.3138

Rectangle

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



55.3662, 0.3360, 0.3421



55.3662, 0.3251, 0.3499



55.3662, 0.2900, 0.3154



55.3662, 0.3002, 0.3088

Sweetspot

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



55.3687, 0.3360, 0.3421



95.3834, 0.3191, 0.3327



51.5076, 0.3227, 0.3074



20.2341, 0.3203, 0.3335



0.0000, 0.0000, 0.0000



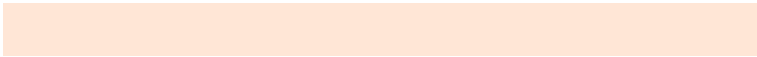
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3687, 0.3360, 0.3421



82.5249, 0.3407, 0.3446



61.9170, 0.3337, 0.3584



12.5315, 0.3281, 0.3379



11.9948, 0.5744, 0.3821



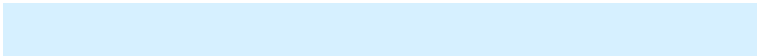
0.8218, 0.5400, 0.4095

Inverse Universe

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



55.9743, 0.2915, 0.3155



83.6012, 0.2877, 0.3129



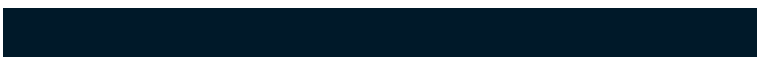
49.7282, 0.2910, 0.2978



12.6235, 0.2983, 0.3200



12.8530, 0.1891, 0.2009



0.8690, 0.1964, 0.2270

Previews

White Background



This preview shows how the Yxy color 55.3662, 0.3360, 0.3421 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 55.3662, 0.3360, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

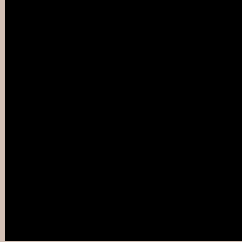
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3662, 0.3360, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 55.3662, 0.3360, 0.3421.



This preview shows how white text looks on a background with the Yxy color 55.3662, 0.3360, 0.3421.

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

55.3662, 0.3360, 0.3421

Protanopia

55.5953, 0.3282, 0.3448

Deuteranopia

55.4615, 0.3434, 0.3372



Tritanopia

55.4827, 0.3216, 0.3128

Trichromacy



Original Color

55.3662, 0.3360, 0.3421

Protanomaly

55.5709, 0.3308, 0.3435

Deuteranomaly

55.4322, 0.3407, 0.3384

Tritanomaly

55.3933, 0.3269, 0.3232

Monochromacy



Original Color

55.3662, 0.3360, 0.3421

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8422, 0.3205, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3662, 0.3360, 0.3421 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(211, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 182)  
}
```

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(211, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.3662, 0.3360, 0.3421 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(211, 193, 182) }
```

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

```
.border{ border-color:rgb(211, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3662, 0.3360, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 182) }
```

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

```
.background{ background-color: rgb(211,  
193, 182) }
```

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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