

Converting Colors

Yxy(55.1911, 0.3380, 0.3506)

Have a look what the booklet for
Yxy(55.1911, 0.3380, 0.3506)
contains.

Yxy(55.1281, 0.3381, 0.3507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.1281, 0.3381, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2B0
RGB	208, 194, 176
RGB Percent	82%, 76%, 69%
CMY	0.1842, 0.2392, 0.3098
CMYK	0.00, 0.07, 0.15, 0.18
HSL	34°, 25%, 75%
HSV	34°, 15%, 82%
XYZ	53.1474, 55.1281, 48.9189
YIQ	196.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

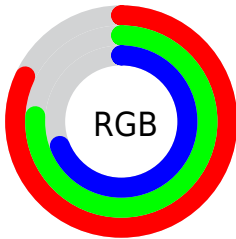
Format	Color
R _Y B	201, 208, 176
Decimal	13681328
CIE Lab	79.11, 1.95, 10.81
CIE LCh	79, 10.985, 79.794
Yxy	55.1281, 0.3381, 0.3507
Android (android.graphics.Color)	4291871408 (0xFFD0C2B0)
YUV	196.1340, -9.9261, 10.4065
Hunter-Lab	74.2483, -2.1630, 12.9103

Details

The Yxy color $55.1281, 0.3381, 0.3507$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.6335, 0.2887, 0.3063$, and the grayscale version is $55.3445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4574, 0.3267, 0.3465$, and $26.9585, 0.3450, 0.3565$ is the 20% darker color. If you saturate the color by 10%, you get $50.4340, 0.3572, 0.3656$, and if you desaturate by 10%, it is $60.2023, 0.3211, 0.3364$.

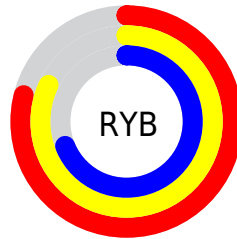
Distribution



Red (82%)

Green (76%)

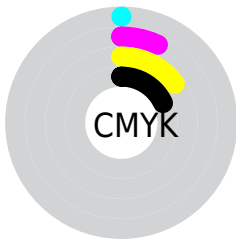
Blue (69%)



Red (79%)

Yellow (82%)

Blue (69%)

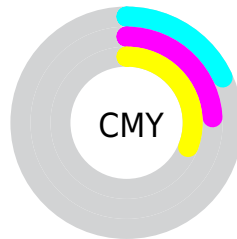


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (18%)



Cyan (18%)


Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1281, 0.3381, 0.3507 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 55.1281, 0.3381, 0.3507 by changing the saturation by 10% instead.


 55.1281, 0.3381,
0.3507

 55.1281, 0.3381,
0.3507


406.3973, 0.3257,
0.3402

 39.5043, 0.3411,
0.3532


 97.7286, 0.3337,
0.3470

 27.1523, 0.3449,
0.3564


125.4741, 0.3320,
0.3455

 17.6876, 0.3498,
0.3605


158.0290, 0.3306,
0.3443

 10.7259, 0.3565,
0.3660

195.7776, 0.3293,
0.3433

 5.8829, 0.3662,
0.3739

239.1043, 0.3283,
0.3424

 2.7740, 0.3812,
0.3859

288.3936, 0.3273,

 1.0149, 0.4284,

0.3416

0.4273

344.0298, 0.3265,
0.3408

0.0000, 0.0000,
0.0000

55.1281, 0.3381,
0.3507

55.1281, 0.3381,
0.3507

50.4340, 0.3572,
0.3656

60.2023, 0.3211,
0.3364

46.1027, 0.3784,
0.3806

65.6591, 0.3060,
0.3229

42.1257, 0.4014,
0.3952

71.5100, 0.2928,
0.3103

38.4917, 0.4258,
0.4084

77.4890, 0.2835,
0.3030

35.1884, 0.4507,
0.4191

82.7115, 0.2840,
0.3128

■ 32.2026, 0.4750,
0.4261

■ 88.2036, 0.2846,
0.3224

■ 29.5194, 0.4971,
0.4282

■ 92.1542, 0.2849,
0.3289

■ 27.1215, 0.5158,
0.4250

■ 26.1007, 0.5237,
0.4224

Harmonies

Analogous

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



55.1281, 0.3414, 0.3412



55.1281, 0.3381, 0.3507



55.1281, 0.3279, 0.3545

Triad

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



55.1281, 0.3381, 0.3507



55.1281, 0.2891, 0.3284



55.1281, 0.3111, 0.3080

Complementary

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



55.1281, 0.3381, 0.3507



50.6335, 0.2887, 0.3063

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.



55.1281, 0.2973, 0.3045



55.1281, 0.3381, 0.3507



55.1281, 0.2848, 0.3158

Square

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



55.1281, 0.3381, 0.3507



55.1281, 0.2996, 0.3416



55.1281, 0.2878, 0.3072



55.1281, 0.3257, 0.3169

Rectangle

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



55.1281, 0.3381, 0.3507



55.1281, 0.3187, 0.3532



55.1281, 0.2878, 0.3072



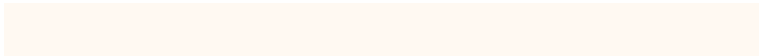
55.1281, 0.3063, 0.3062

Sweetspot

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



55.1305, 0.3381, 0.3507



95.6918, 0.3205, 0.3359



48.2053, 0.3290, 0.3117



20.3551, 0.3217, 0.3369



0.0000, 0.0000, 0.0000



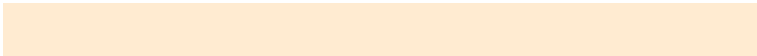
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1305, 0.3381, 0.3507



85.2169, 0.3433, 0.3549



61.4443, 0.3344, 0.3670



12.8940, 0.3277, 0.3421



16.4578, 0.5218, 0.4239



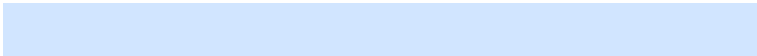
1.0768, 0.4980, 0.4428

Inverse Universe

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



50.6335, 0.2887, 0.3063



76.9498, 0.2841, 0.3017



45.0297, 0.2893, 0.2882



12.2581, 0.2982, 0.3156



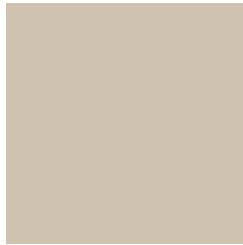
7.7052, 0.1720, 0.1391



0.5876, 0.1819, 0.1749

Previews

White Background



This preview shows how the Yxy color 55.1281, 0.3381, 0.3507 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 55.1281, 0.3381, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

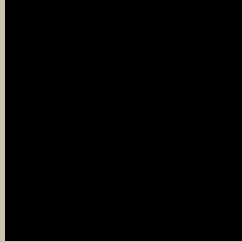
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

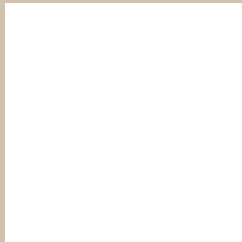
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1281, 0.3381, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 55.1281, 0.3381, 0.3507.



This preview shows how white text looks on a background with the Yxy color 55.1281, 0.3381, 0.3507.

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

55.1281, 0.3381, 0.3507

Protanopia

55.0419, 0.3338, 0.3509

Deuteranopia

55.0991, 0.3502, 0.3430



Tritanopia

55.2317, 0.3192, 0.3116

Trichromacy



Original Color

55.1281, 0.3381, 0.3507

Protanomaly

55.1837, 0.3346, 0.3509

Deuteranomaly

55.1876, 0.3455, 0.3456

Tritanomaly

55.0055, 0.3269, 0.3255

Monochromacy



Original Color

55.1281, 0.3381, 0.3507

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9837, 0.3212, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1281, 0.3381, 0.3507 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, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 176)  
}
```

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, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.1281, 0.3381, 0.3507 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, 194, 176) }
```

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

```
.border{ border-color:rgb(208, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 194, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 194, 176); box-shadow:4px 4px 4px 4px rgb(208, 194, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1281, 0.3381, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 176) }
```

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

```
.background{ background-color: rgb(208,  
194, 176) }
```

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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