

Converting Colors

Yxy(66.7057, 0.3261, 0.3552)

Have a look what the booklet for
Yxy(66.7057, 0.3261, 0.3552)
contains.

Yxy(66.4482, 0.3256, 0.3542)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.4482, 0.3256, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	D4D7C1
RGB	212, 215, 193
RGB Percent	83%, 84%, 76%
CMY	0.1686, 0.1569, 0.2431
CMYK	0.01, 0.00, 0.10, 0.16
HSL	68°, 22%, 80%
HSV	68°, 10%, 84%
XYZ	61.0828, 66.4482, 60.0698
YIQ	211.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

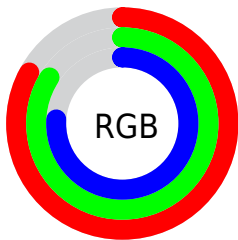
Format	Color
RYB	193, 215, 196
Decimal	13948865
CIELab	85.22, -4.83, 10.49
CIELCh	85, 11.551, 114.716
Yxy	66.4482, 0.3256, 0.3542
Android (android.graphics.Color)	4292138945 (0xFFD4D7C1)
YUV	211.5950, -9.1673, 0.3552
Hunter-Lab	81.5158, -8.8959, 13.3696

Details

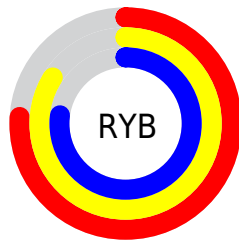
The Yxy color **66.4482, 0.3256, 0.3542** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7914, 0.2991, 0.3029**, and the grayscale version is **65.6188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **34.1738, 0.3288, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **65.1306, 0.3384, 0.3799**, and if you desaturate by 10%, it is **67.9190, 0.3130, 0.3295**.

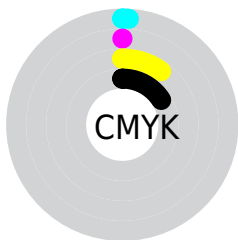
Distribution



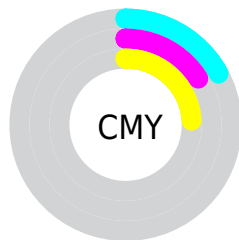
- Red (83%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4482, 0.3256, 0.3542 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 66.4482, 0.3256, 0.3542 by changing the saturation by 10% instead.

■ 66.4482, 0.3256,
0.3542

■ 66.4482, 0.3256,
0.3542

447.9781, 0.3196,
0.3422

■ 48.6363, 0.3270,
0.3570

■ 114.1294, 0.3235,
0.3500

■ 34.3311, 0.3287,
0.3605

144.7675, 0.3227,
0.3484

■ 23.1481, 0.3309,
0.3651

180.4498, 0.3220,
0.3470

■ 14.7029, 0.3337,
0.3711

221.5607, 0.3214,
0.3458

■ 8.6111, 0.3376,
0.3796

268.4846, 0.3209,
0.3447

■ 4.4884, 0.3432,
0.3923

321.6058, 0.3204,

■ 1.9504, 0.3520,

0.3438

0.4132

381.3089, 0.3200,
0.3430

0.5784, 0.4275,
0.5725

0.0000, 0.0000,
0.0000

66.4482, 0.3256,
0.3542

66.4482, 0.3256,
0.3542

65.1306, 0.3384,
0.3799

67.9190, 0.3130,
0.3295

63.9513, 0.3511,
0.4059

69.5398, 0.3009,
0.3063

62.9069, 0.3631,
0.4315

71.1556, 0.2910,
0.2872

61.9904, 0.3739,
0.4556

71.6167, 0.2929,
0.2874

61.1940, 0.3829,
0.4772

72.0857, 0.2949,
0.2876

60.5092, 0.3898,
0.4954

72.5628, 0.2969,
0.2879

59.9263, 0.3941,
0.5093

73.0479, 0.2989,
0.2881

59.4337, 0.3958,
0.5187

73.5412, 0.3009,
0.2884

59.0192, 0.3954,
0.5243

74.0426, 0.3029,
0.2886

Harmonies

Analogous

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



66.4482, 0.3365, 0.3515



66.4482, 0.3256, 0.3542



66.4482, 0.3114, 0.3498

Triad

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



66.4482, 0.3256, 0.3542



66.4482, 0.2852, 0.3142



66.4482, 0.3276, 0.3188

Complementary

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



66.4482, 0.3256, 0.3542



54.7914, 0.2991, 0.3029

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.



66.4482, 0.3136, 0.3094



66.4482, 0.3256, 0.3542



66.4482, 0.2892, 0.3065

Square

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



66.4482, 0.3256, 0.3542



66.4482, 0.2882, 0.3262



66.4482, 0.2995, 0.3049



66.4482, 0.3378, 0.3309

Rectangle

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



66.4482, 0.3256, 0.3542



66.4482, 0.3020, 0.3434



66.4482, 0.2995, 0.3049



66.4482, 0.3232, 0.3153

Sweetspot

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



66.4511, 0.3256, 0.3542



99.3208, 0.3165, 0.3363



57.7560, 0.3303, 0.3325



21.2206, 0.3175, 0.3383



0.0000, 0.0000, 0.0000



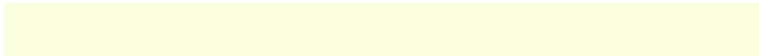
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4511, 0.3256, 0.3542



97.4049, 0.3280, 0.3590



64.8799, 0.3174, 0.3548



14.4306, 0.3246, 0.3522



35.3351, 0.3958, 0.5240



2.1554, 0.4001, 0.5205

Inverse Universe

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



54.7914, 0.2991, 0.3029



77.3307, 0.2963, 0.2977



56.3122, 0.3075, 0.3035



12.0887, 0.3002, 0.3050



3.1187, 0.1555, 0.0631



0.2149, 0.1684, 0.0701

Previews

White Background



This preview shows how the Yxy color 66.4482, 0.3256, 0.3542 looks on a white background.

Color Contrast Check

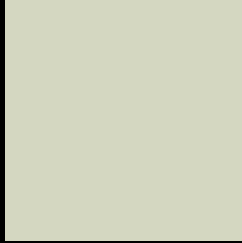
Large Text (above 18pt) WCAG AA × Fail

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 66.4482, 0.3256, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

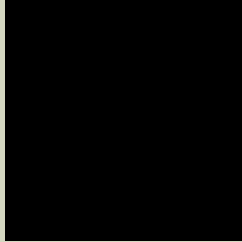
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

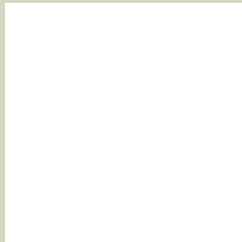
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4482, 0.3256, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 66.4482, 0.3256, 0.3542.



This preview shows how white text looks on a background with the Yxy color 66.4482, 0.3256, 0.3542.

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

66.4482, 0.3256, 0.3542

Protanopia

66.3782, 0.3351, 0.3526

Deuteranopia

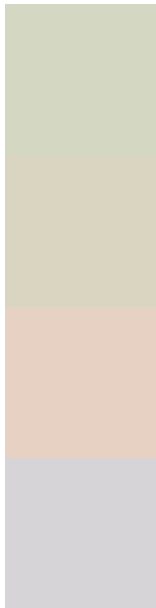
66.1280, 0.3475, 0.3399



Tritanopia

66.3910, 0.3063, 0.3103

Trichromacy



Original Color

66.4482, 0.3256, 0.3542

Protanomaly

66.2997, 0.3311, 0.3528

Deuteranomaly

66.3190, 0.3396, 0.3456

Tritanomaly

66.4403, 0.3129, 0.3257

Monochromacy



Original Color

66.4482, 0.3256, 0.3542

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9933, 0.3175, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4482, 0.3256, 0.3542 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, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 193)  
}
```

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, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 66.4482, 0.3256, 0.3542 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, 215, 193) }
```

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

```
.border{ border-color:rgb(212, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4482, 0.3256, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 193) }
```

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

```
.background{ background-color: rgb(212,  
215, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor