

Converting Colors

Yxy(61.4851, 0.3253, 0.3518)

Have a look what the booklet for
Yxy(61.4851, 0.3253, 0.3518)
contains.

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Color

Yxy(61.3783, 0.3255, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	CECFBC
RGB	206, 207, 188
RGB Percent	81%, 81%, 74%
CMY	0.1920, 0.1883, 0.2627
CMYK	0.00, 0.00, 0.09, 0.19
HSL	63°, 17%, 77%
HSV	63°, 9%, 81%
XYZ	56.8544, 61.3783, 56.4352
YIQ	204.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

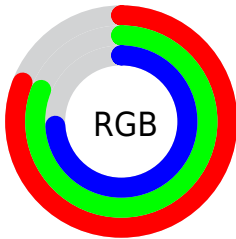
Format	Color
RYB	188, 207, 189
Decimal	13553596
CIELab	82.58, -3.63, 9.31
CIELCh	83, 9.997, 111.312
Yxy	61.3783, 0.3255, 0.3514
Android (android.graphics.Color)	4291743676 (0xFFCECFBC)
YUV	204.5350, -8.1518, 1.2848
Hunter-Lab	78.3443, -7.5652, 12.1316

Details

The Yxy color **61.3783, 0.3255, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2907, 0.2993, 0.3057**, and the grayscale version is **60.7958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **31.2071, 0.3287, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **60.4046, 0.3398, 0.3766**, and if you desaturate by 10%, it is **62.4864, 0.3116, 0.3270**.

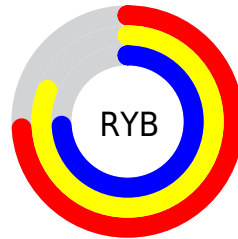
Distribution



Red (81%)

Green (81%)

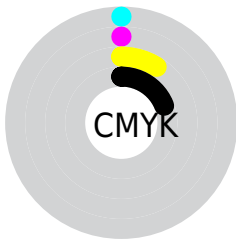
Blue (74%)



Red (74%)

Yellow (81%)

Blue (74%)

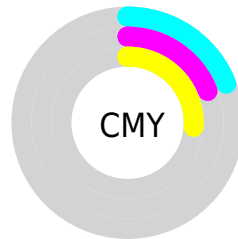


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (19%)


Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3783, 0.3255, 0.3514 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 61.3783, 0.3255, 0.3514 by changing the saturation by 10% instead.

 61.3783, 0.3255,
0.3514

 61.3783, 0.3255,
0.3514

429.6597, 0.3194,
0.3406

 44.5305, 0.3269,
0.3540


 106.8265, 0.3234,
0.3476

 31.0878, 0.3287,
0.3572


136.1957, 0.3225,
0.3461

 20.6657, 0.3310,
0.3614

170.5076, 0.3218,
0.3449

 12.8799, 0.3340,
0.3670

210.1464, 0.3212,
0.3438

 7.3459, 0.3382,
0.3750

255.4966, 0.3207,
0.3429

 3.6793, 0.3445,
0.3873

306.9427, 0.3202,

 1.4959, 0.3550,

0.3420

0.4086

364.8689, 0.3198,
0.3413

0.2858, 0.3903,
0.6097

0.0000, 0.0000,
0.0000

61.3783, 0.3255,
0.3514

61.3783, 0.3255,
0.3514

60.4046, 0.3398,
0.3766

62.4864, 0.3116,
0.3270

59.5518, 0.3540,
0.4019

63.7259, 0.2983,
0.3039

58.8167, 0.3676,
0.4265

65.1043, 0.2858,
0.2823

58.1932, 0.3801,
0.4495

65.5656, 0.2835,
0.2775

■ 57.6742, 0.3909,
0.4698

■ 65.7171, 0.2842,
0.2776

■ 57.2523, 0.3996,
0.4866

■ 65.8695, 0.2849,
0.2777

■ 56.9185, 0.4057,
0.4992

■ 66.0229, 0.2856,
0.2778

■ 56.6629, 0.4093,
0.5074

■ 66.1772, 0.2863,
0.2779

■ 56.4681, 0.4106,
0.5118

■ 66.3326, 0.2870,
0.2780

Harmonies

Analogous

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



61.3783, 0.3347, 0.3484



61.3783, 0.3255, 0.3514



61.3783, 0.3130, 0.3482

Triad

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



61.3783, 0.3255, 0.3514



61.3783, 0.2882, 0.3170



61.3783, 0.3247, 0.3188

Complementary

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



61.3783, 0.3255, 0.3514



51.2907, 0.2993, 0.3057

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.



61.3783, 0.3120, 0.3108



61.3783, 0.3255, 0.3514



61.3783, 0.2911, 0.3096

Square

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



61.3783, 0.3255, 0.3514



61.3783, 0.2916, 0.3279



61.3783, 0.2998, 0.3074



61.3783, 0.3342, 0.3295

Rectangle

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



61.3783, 0.3255, 0.3514



61.3783, 0.3046, 0.3428



61.3783, 0.2998, 0.3074



61.3783, 0.3206, 0.3158

Sweetspot

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



61.3810, 0.3255, 0.3514



99.4451, 0.3169, 0.3363



53.1392, 0.3285, 0.3298



21.2543, 0.3180, 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.



61.3810, 0.3255, 0.3514



98.0602, 0.3283, 0.3563



60.1051, 0.3184, 0.3519



13.7665, 0.3258, 0.3520



35.5842, 0.4108, 0.5121



1.9990, 0.4124, 0.5107

Inverse Universe

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



51.2907, 0.2993, 0.3057



78.6808, 0.2962, 0.3003



52.5015, 0.3066, 0.3062



11.4453, 0.2989, 0.3050



2.8923, 0.1517, 0.0609



0.1718, 0.1572, 0.0640

Previews

White Background



This preview shows how the Yxy color 61.3783, 0.3255, 0.3514 looks on a white background.

Color Contrast Check

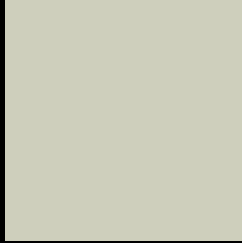
Large Text (above 18pt) WCAG AA × Fail

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 61.3783, 0.3255, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

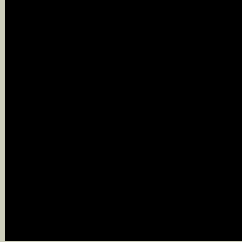
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

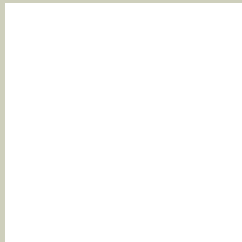
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3783, 0.3255, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 61.3783, 0.3255, 0.3514.



This preview shows how white text looks on a background with the Yxy color 61.3783, 0.3255, 0.3514.

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

61.3783, 0.3255, 0.3514

Protanopia

61.3966, 0.3320, 0.3500

Deuteranopia

61.0948, 0.3455, 0.3380



Tritanopia

61.4755, 0.3075, 0.3120

Trichromacy



Original Color

61.3783, 0.3255, 0.3514

Protanomaly

61.4321, 0.3295, 0.3513

Deuteranomaly

60.9770, 0.3383, 0.3427

Tritanomaly

61.2460, 0.3144, 0.3255

Monochromacy



Original Color

61.3783, 0.3255, 0.3514

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2453, 0.3169, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3783, 0.3255, 0.3514 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(206, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 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(206, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 61.3783, 0.3255, 0.3514 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(206, 207, 188) }
```

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

```
.border{ border-color:rgb(206, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3783, 0.3255, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 188) }
```

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

```
.background{ background-color: rgb(206,  
207, 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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