

Converting Colors

Yxy(61.9635, 0.3159, 0.3363)

Have a look what the booklet for
Yxy(61.9635, 0.3159, 0.3363)
contains.

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Color

Yxy(61.9645, 0.3162, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	CECF C9
RGB	206, 207, 201
RGB Percent	81%, 81%, 79%
CMY	0.1921, 0.1882, 0.2118
CMYK	0.00, 0.00, 0.03, 0.19
HSL	70°, 6%, 80%
HSV	70°, 3%, 81%
XYZ	58.3130, 61.9645, 64.1406
YIQ	206.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

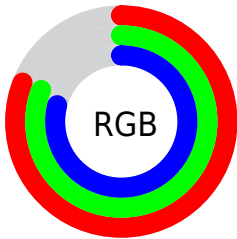
Format	Color
R _Y B	201, 207, 202
Decimal	13553609
CIE Lab	82.89, -1.41, 2.85
CIE LCh	83, 3.181, 116.310
Yxy	61.9645, 0.3162, 0.3360
Android (android.graphics.Color)	4291743689 (0xFFCEFC9)
YUV	206.0170, -2.4734, -0.0149
Hunter-Lab	78.7175, -5.5250, 6.7916

Details

The Yxy color **61.9645, 0.3162, 0.3360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8277, 0.3092, 0.3219**, and the grayscale version is **61.7516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5644, 0.3173, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **60.5817, 0.3284, 0.3610**, and if you desaturate by 10%, it is **63.4942, 0.3044, 0.3124**.

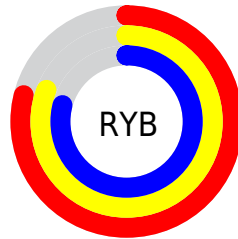
Distribution



Red (81%)

Green (81%)

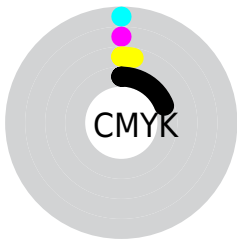
Blue (79%)



Red (79%)

Yellow (81%)

Blue (79%)

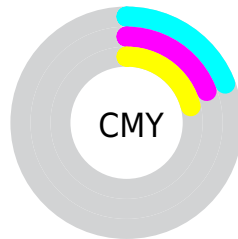


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9645, 0.3162, 0.3360 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 61.9645, 0.3162, 0.3360 by changing the saturation by 10% instead.

■ 61.9645, 0.3162,
0.3360

■ 61.9645, 0.3162,
0.3360

431.8016, 0.3145,
0.3327

■ 45.0040, 0.3166,
0.3368

107.6742, 0.3156,
0.3348

■ 31.4606, 0.3171,
0.3378

137.1922, 0.3154,
0.3344

■ 20.9498, 0.3177,
0.3391

171.6649, 0.3152,
0.3340

■ 13.0873, 0.3185,
0.3408

211.4766, 0.3150,
0.3336

■ 7.4887, 0.3197,
0.3432

257.0117, 0.3149,
0.3334

■ 3.7696, 0.3215,
0.3469

308.6547, 0.3148,

■ 1.5455, 0.3245,

0.3331

366.7898, 0.3147,
0.3329

0.3532

0.3204, 0.3650,
0.4329

0.0000, 0.0000,
0.0000

61.9645, 0.3162,
0.3360

61.9645, 0.3162,
0.3360

60.5817, 0.3284,
0.3610

63.4942, 0.3044,
0.3124

59.3325, 0.3407,
0.3869

65.1678, 0.2931,
0.2905


58.2141, 0.3528,
0.4131

66.4603, 0.2875,
0.2781


57.2202, 0.3640,
0.4387


66.9778, 0.2898,
0.2784

 56.3444, 0.3739,
0.4627


 67.5059, 0.2921,
0.2788


 55.5795, 0.3819,
0.4840


 68.0445, 0.2945,
0.2791

 54.9174, 0.3877,
0.5017

 68.5938, 0.2968,
0.2795

 54.3489, 0.3908,
0.5150

 69.1538, 0.2992,
0.2798

 53.8628, 0.3914,
0.5238

 69.7246, 0.3015,
0.2802

Harmonies

Analogous

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



61.9645, 0.3193, 0.3355



61.9645, 0.3162, 0.3360



61.9645, 0.3122, 0.3346

Triad

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



61.9645, 0.3162, 0.3360



61.9645, 0.3049, 0.3248



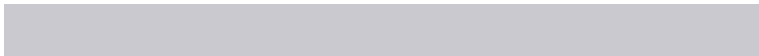
61.9645, 0.3171, 0.3263

Complementary

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



61.9645, 0.3162, 0.3360



58.8277, 0.3092, 0.3219

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.



61.9645, 0.3132, 0.3235



61.9645, 0.3162, 0.3360



61.9645, 0.3062, 0.3226

Square

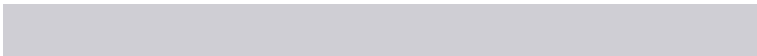
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9645, 0.3162, 0.3360



61.9645, 0.3057, 0.3281



61.9645, 0.3092, 0.3221



61.9645, 0.3198, 0.3298

Rectangle

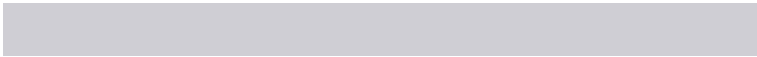
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9645, 0.3162, 0.3360



61.9645, 0.3095, 0.3328



61.9645, 0.3092, 0.3221



61.9645, 0.3159, 0.3252

Sweetspot

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



61.9672, 0.3162, 0.3360



99.7584, 0.3139, 0.3314



59.6737, 0.3173, 0.3301



21.3550, 0.3139, 0.3313



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.



61.9672, 0.3162, 0.3360



99.2822, 0.3164, 0.3363



61.5519, 0.3140, 0.3360



13.8743, 0.3172, 0.3381



33.7767, 0.3911, 0.5276



1.9152, 0.3966, 0.5233

Inverse Universe

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



58.8277, 0.3092, 0.3219



94.0207, 0.3090, 0.3216



59.2400, 0.3114, 0.3220



12.9652, 0.3081, 0.3198



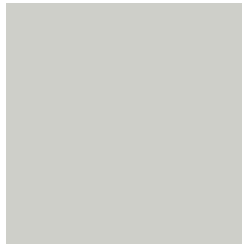
3.0758, 0.1574, 0.0641



0.2014, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 61.9645, 0.3162, 0.3360 looks on a white background.

Color Contrast Check

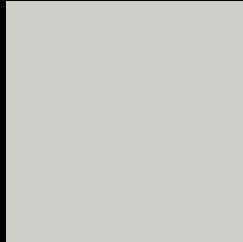
Large Text (above 18pt) WCAG AA × Fail

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 61.9645, 0.3162, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

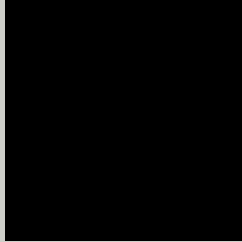
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

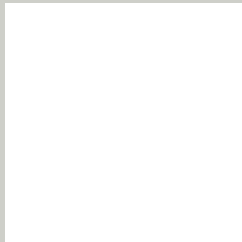
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9645, 0.3162, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 61.9645, 0.3162, 0.3360.



This preview shows how white text looks on a background with the Yxy color 61.9645, 0.3162, 0.3360.

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

61.9645, 0.3162, 0.3360

Protanopia

61.6817, 0.3209, 0.3348

Deuteranopia

62.0668, 0.3334, 0.3268



Tritanopia

61.9083, 0.3053, 0.3108

Trichromacy



Original Color

61.9645, 0.3162, 0.3360

Protanomaly

61.8681, 0.3193, 0.3360

Deuteranomaly

62.1918, 0.3267, 0.3302

Tritanomaly

61.8766, 0.3094, 0.3198

Monochromacy



Original Color

61.9645, 0.3162, 0.3360

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6241, 0.3141, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9645, 0.3162, 0.3360 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.9645, 0.3162, 0.3360 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, 201) }
```

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

```
.border{ border-color:rgb(206, 207, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9645, 0.3162, 0.3360 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, 201) }
```

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

```
.background{ background-color: rgb(206,  
207, 201) }
```

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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