

Converting Colors

Yxy(61.7320, 0.3177, 0.3343)

Have a look what the booklet for
Yxy(61.7320, 0.3177, 0.3343)
contains.

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Color

Yxy(61.7696, 0.3178, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	D0CEC9
RGB	208, 206, 201
RGB Percent	82%, 81%, 79%
CMY	0.1842, 0.1922, 0.2117
CMYK	0.00, 0.01, 0.03, 0.18
HSL	43°, 7%, 80%
HSV	43°, 3%, 82%
XYZ	58.6332, 61.7696, 64.0943
YIQ	206.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

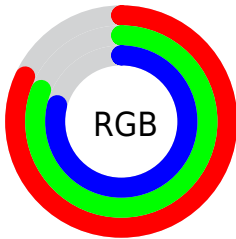
Format	Color
R_{YB}	204, 208, 201
Decimal	13684425
CIE Lab	82.79, -0.19, 2.71
CIE LCh	83, 2.719, 93.928
Yxy	61.7696, 0.3178, 0.3348
Android (android.graphics.Color)	4291874505 (0xFFD0CEC9)
YUV	206.0280, -2.4788, 1.7294
Hunter-Lab	78.5936, -4.3727, 6.6637

Details

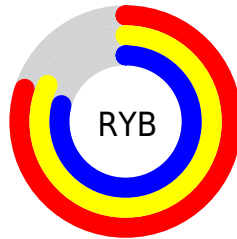
The Yxy color **61.7696, 0.3178, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7062, 0.3076, 0.3231**, and the grayscale version is **61.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4331, 0.3194, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **58.0112, 0.3338, 0.3526**, and if you desaturate by 10%, it is **65.7773, 0.3032, 0.3180**.

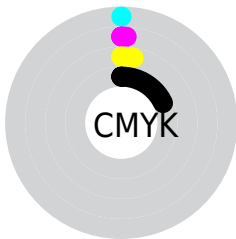
Distribution



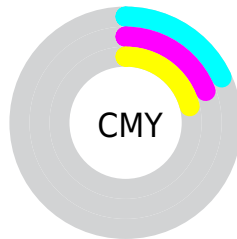
- Red (82%)
- Green (81%)
- Blue (79%)



- Red (80%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7696, 0.3178, 0.3348 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 61.7696, 0.3178, 0.3348 by changing the saturation by 10% instead.

■ 61.7696, 0.3178,
0.3348

■ 61.7696, 0.3178,
0.3348

431.0902, 0.3154,
0.3320

■ 44.8466, 0.3184,
0.3355

107.3925, 0.3169,
0.3338

■ 31.3366, 0.3191,
0.3363

136.8611, 0.3166,
0.3335

■ 20.8553, 0.3200,
0.3373

171.2803, 0.3163,
0.3331

■ 13.0183, 0.3213,
0.3387

211.0347, 0.3161,
0.3329

■ 7.4411, 0.3230,
0.3407

256.5084, 0.3159,
0.3326

■ 3.7395, 0.3256,
0.3438

308.0860, 0.3157,

■ 1.5289, 0.3301,

0.3324

0.3489

366.1518, 0.3155,
0.3322

0.3090, 0.3882,
0.4148

0.0000, 0.0000,
0.0000

61.7696, 0.3178,
0.3348

61.7696, 0.3178,
0.3348

58.0112, 0.3338,
0.3526

65.7773, 0.3032,
0.3180

54.4875, 0.3513,
0.3710

70.0326, 0.2901,
0.3022

51.1943, 0.3700,
0.3896

73.9899, 0.2831,
0.2961

48.1244, 0.3895,
0.4077

77.2898, 0.2835,
0.3026

45.2697, 0.4094,
0.4243

80.7059, 0.2838,
0.3091

42.6217, 0.4288,
0.4385

84.2392, 0.2842,
0.3155

40.1710, 0.4468,
0.4491

87.8908, 0.2845,
0.3219

37.9068, 0.4625,
0.4553

91.6619, 0.2849,
0.3281

35.8163, 0.4752,
0.4565

92.1544, 0.2849,
0.3289

Harmonies

Analogous

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



61.7696, 0.3194, 0.3332



61.7696, 0.3178, 0.3348



61.7696, 0.3149, 0.3348

Triad

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



61.7696, 0.3178, 0.3348



61.7696, 0.3063, 0.3275



61.7696, 0.3141, 0.3248

Complementary

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



61.7696, 0.3178, 0.3348



59.7062, 0.3076, 0.3231

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.



61.7696, 0.3106, 0.3233



61.7696, 0.3178, 0.3348



61.7696, 0.3061, 0.3248

Square

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



61.7696, 0.3178, 0.3348



61.7696, 0.3083, 0.3306



61.7696, 0.3077, 0.3233



61.7696, 0.3172, 0.3274

Rectangle

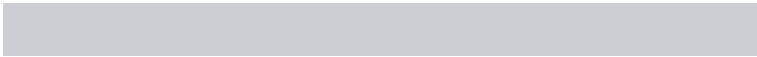
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7696, 0.3178, 0.3348



61.7696, 0.3125, 0.3340



61.7696, 0.3077, 0.3233



61.7696, 0.3129, 0.3241

Sweetspot

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



61.7723, 0.3178, 0.3348



99.3662, 0.3142, 0.3307



59.5083, 0.3167, 0.3266



21.2752, 0.3141, 0.3306



0.0000, 0.0000, 0.0000



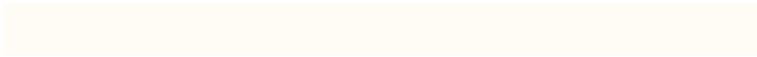
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7723, 0.3178, 0.3348



97.4888, 0.3188, 0.3360



62.5560, 0.3166, 0.3372



13.5906, 0.3198, 0.3371



21.6769, 0.4812, 0.4561



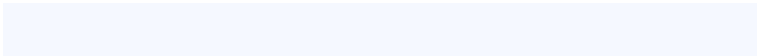
1.3449, 0.4673, 0.4672

Inverse Universe

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



59.7062, 0.3076, 0.3231



93.5814, 0.3066, 0.3219



58.9463, 0.3088, 0.3208



12.9574, 0.3056, 0.3208



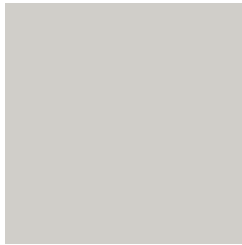
5.0161, 0.1607, 0.0985



0.4174, 0.1710, 0.1357

Previews

White Background



This preview shows how the Yxy color 61.7696, 0.3178, 0.3348 looks on a white background.

Color Contrast Check

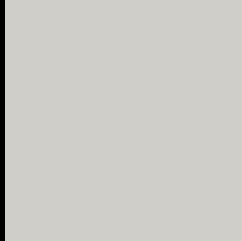
Large Text (above 18pt) WCAG AA × Fail

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 61.7696, 0.3178, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

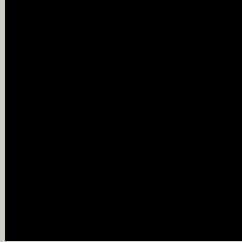
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

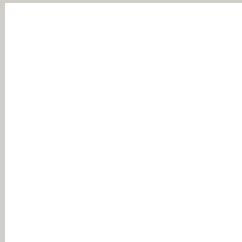
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7696, 0.3178, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 61.7696, 0.3178, 0.3348.



This preview shows how white text looks on a background with the Yxy color 61.7696, 0.3178, 0.3348.

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

61.7696, 0.3178, 0.3348

Protanopia

61.7286, 0.3202, 0.3336

Deuteranopia

61.4420, 0.3327, 0.3257



Tritanopia

61.6752, 0.3075, 0.3109

Trichromacy



Original Color

61.7696, 0.3178, 0.3348

Protanomaly

61.5813, 0.3194, 0.3336

Deuteranomaly

61.7210, 0.3268, 0.3290

Tritanomaly

61.6408, 0.3116, 0.3199

Monochromacy



Original Color

61.7696, 0.3178, 0.3348

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7676, 0.3149, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7696, 0.3178, 0.3348 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, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 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(208, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.7696, 0.3178, 0.3348 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, 206, 201) }
```

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

```
.border{ border-color:rgb(208, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7696, 0.3178, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 201) }
```

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

```
.background{ background-color: rgb(208,  
206, 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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