

Converting Colors

$Y_{xy}(61.9201, 0.3216, 0.3277)$

Have a look what the booklet for
Yxy(61.9201, 0.3216, 0.3277)
contains.

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Color

Yxy(61.7186, 0.3213, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D8CBCD
RGB	216, 203, 205
RGB Percent	85%, 80%, 80%
CMY	0.1532, 0.2038, 0.1962
CMYK	0.00, 0.06, 0.05, 0.15
HSL	351°, 14%, 82%
HSV	351°, 6%, 85%
XYZ	60.6799, 61.7186, 66.4589
YIQ	207.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

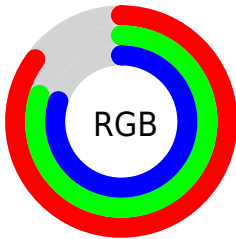
Format	Color
R _Y B	216, 203, 205
Decimal	14207949
CIE Lab	82.76, 4.83, 0.63
CIE LCh	83, 4.868, 7.426
Yxy	61.7186, 0.3213, 0.3268
Android (android.graphics.Color)	4292398029 (0xFFD8CBCD)
YUV	207.1150, -1.0427, 7.7921
Hunter-Lab	78.5612, 0.3896, 4.8364

Details

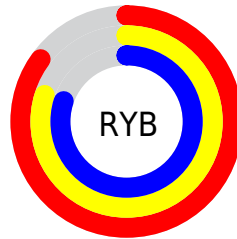
The Yxy color **61.7186, 0.3213, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6381, 0.3047, 0.3312**, and the grayscale version is **62.4749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.3063, 0.3232, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **51.3869, 0.3384, 0.3229**, and if you desaturate by 10%, it is **73.5800, 0.3075, 0.3304**.

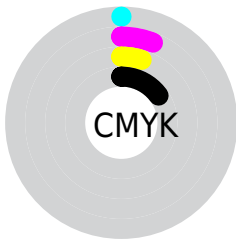
Distribution



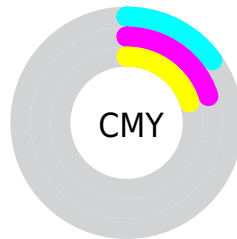
- Red (85%)
- Green (80%)
- Blue (80%)



- Red (85%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7186, 0.3213, 0.3268 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 61.7186, 0.3213, 0.3268 by changing the saturation by 10% instead.

■ 61.7186, 0.3213,
0.3268

■ 61.7186, 0.3213,
0.3268

430.9039, 0.3172,
0.3279

■ 44.8054, 0.3223,
0.3265

107.3187, 0.3199,
0.3272

■ 31.3041, 0.3235,
0.3262

136.7744, 0.3193,
0.3273

■ 20.8306, 0.3251,
0.3258

171.1797, 0.3188,
0.3274

■ 13.0002, 0.3272,
0.3253

210.9190, 0.3184,
0.3276

■ 7.4287, 0.3301,
0.3245

256.3766, 0.3181,
0.3276

■ 3.7316, 0.3346,
0.3232

307.9371, 0.3177,

■ 1.5246, 0.3423,

0.3277

365.9847, 0.3175,
0.3278

0.3212

0.3059, 0.4071,
0.3048

0.0000, 0.0000,
0.0000

61.7186, 0.3213,
0.3268

61.7186, 0.3213,
0.3268

51.3869, 0.3384,
0.3229

73.5800, 0.3075,
0.3304

42.5148, 0.3596,
0.3188

87.0215, 0.2964,
0.3337

35.0390, 0.3856,
0.3147

93.3305, 0.2894,
0.3289

28.8881, 0.4173,
0.3110

■ 23.9845, 0.4546,
0.3080

■ 20.2426, 0.4964,
0.3065

■ 17.5659, 0.5399,
0.3074

■ 15.8420, 0.5800,
0.3110

■ 14.9323, 0.6112,
0.3171

Harmonies

Analogous

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



61.7186, 0.3158, 0.3220



61.7186, 0.3213, 0.3268



61.7186, 0.3245, 0.3323

Triad

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



61.7186, 0.3213, 0.3268



61.7186, 0.3158, 0.3393



61.7186, 0.3011, 0.3210

Complementary

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



61.7186, 0.3213, 0.3268



66.6381, 0.3047, 0.3312

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.



61.7186, 0.3011, 0.3256



61.7186, 0.3213, 0.3268



61.7186, 0.3096, 0.3362

Square

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



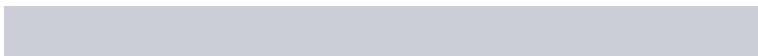
61.7186, 0.3213, 0.3268



61.7186, 0.3213, 0.3395



61.7186, 0.3042, 0.3312



61.7186, 0.3042, 0.3186

Rectangle

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



61.7186, 0.3213, 0.3268



61.7186, 0.3249, 0.3356



61.7186, 0.3042, 0.3312



61.7186, 0.3007, 0.3223

Sweetspot

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



61.7213, 0.3213, 0.3268



96.5134, 0.3155, 0.3283



61.9438, 0.3118, 0.3144



20.6944, 0.3153, 0.3283



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.



61.7213, 0.3213, 0.3268



88.1977, 0.3230, 0.3264



63.6902, 0.3223, 0.3339



12.8840, 0.3237, 0.3262



8.7150, 0.6181, 0.3178



0.5356, 0.5755, 0.2944

Inverse Universe

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



61.7213, 0.3213, 0.3268



88.1977, 0.3230, 0.3264



64.5615, 0.3035, 0.3240



12.8840, 0.3237, 0.3262



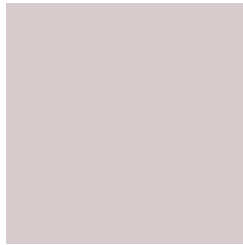
8.7150, 0.6181, 0.3178



0.5356, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 61.7186, 0.3213, 0.3268 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 61.7186, 0.3213, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

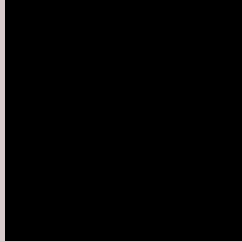
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

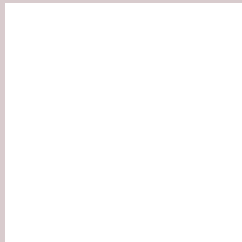
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7186, 0.3213, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 61.7186, 0.3213, 0.3268.



This preview shows how white text looks on a background with the Yxy color 61.7186, 0.3213, 0.3268.

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

61.7186, 0.3213, 0.3268

Protanopia

61.8205, 0.3158, 0.3279

Deuteranopia

61.4718, 0.3289, 0.3213



Tritanopia

61.6885, 0.3143, 0.3111

Trichromacy



Original Color

61.7186, 0.3213, 0.3268

Protanomaly

61.6390, 0.3174, 0.3267

Deuteranomaly

61.2944, 0.3256, 0.3223

Tritanomaly

61.7969, 0.3164, 0.3166

Monochromacy



Original Color

61.7186, 0.3213, 0.3268

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3005, 0.3158, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7186, 0.3213, 0.3268 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(216, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 205)  
}
```

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(216, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.7186, 0.3213, 0.3268 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(216, 203, 205) }
```

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

```
.border{ border-color:rgb(216, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7186, 0.3213, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 205) }
```

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

```
.background{ background-color: rgb(216,  
203, 205) }
```

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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