Converting Colors

Yxy(62.2134, 0.3141, 0.3288)

Have a look what the booklet for Yxy(62.2134, 0.3141, 0.3288) contains.

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Color

Yxy(62.0087, 0.3142, 0.3290)

Conversions

Format	Color
Hex	D0CECE
RGB	208, 206, 206
RGB Percent	82%, 81%, 81%
CMY	0.1844, 0.1921, 0.1921
CMYK	0.00, 0.01, 0.01, 0.18
HSL	360°, 2%, 81%
HSV	360°, 1%, 82%
XYZ	59.2193, 62.0087, 67.2483
YIQ	206.5980, 1.1920, 0.4240

Conversions Part 1

Conversions

Conversions Part 2

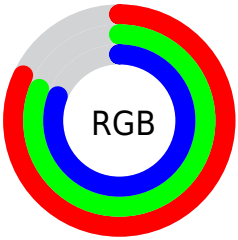
Format	Color
RYB	208, 206, 206
Decimal	13684430
CIELab	82.92, 0.68, 0.23
CIELCh	83, 0.715, 18.455
Yxy	62.0087, 0.3142, 0.3290
Android (android.graphics.Color)	4291874510 (0xFFD0CECE)
YUV	206.5980, -0.2948, 1.2296
Hunter-Lab	78.7456, -3.5670, 4.4886

Details

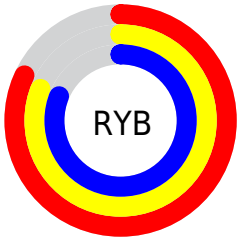
The Yxy color 62.0087, 0.3142, 0.3290 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 62.7739, 0.3113, 0.3290, and the grayscale version is 62.1257, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 31.5935, 0.3147, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 51.7066, 0.3321, 0.3290, and if you desaturate by 10%, it is 73.7746, 0.2999, 0.3290.

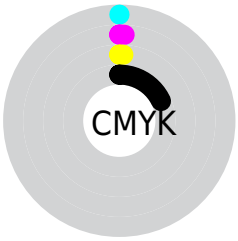
Distribution



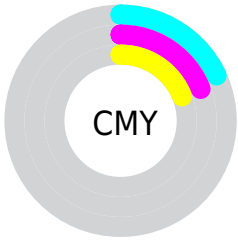
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (81%)
- Blue (81%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0087, 0.3142, 0.3290 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 62.0087, 0.3142, 0.3290 by changing the saturation by 10% instead.

62.0087, 0.3142, 0.3290

62.0087, 0.3142, 0.3290

431.9628, 0.3135, 0.3290

45.0397, 0.3144, 0.3290

107.7381, 0.3140, 0.3290

31.4887, 0.3146, 0.3290

137.2673, 0.3139, 0.3290

20.9713, 0.3148, 0.3290

171.7521, 0.3138, 0.3290

13.1030, 0.3152, 0.3290

211.5768, 0.3137, 0.3290

7.4995, 0.3157, 0.3290

257.1258, 0.3136, 0.3290

3.7764, 0.3165, 0.3290

308.7836, 0.3136,

1.5493, 0.3178,

0.3290

0.3289

366.9344, 0.3135, 0.3290

0.3230, 0.3294, 0.3288

0.0000, 0.0000, 0.0000

62.0087, 0.3142, 0.3290

62.0087, 0.3142, 0.3290

51.7066, 0.3321, 0.3290

73.7746, 0.2999, 0.3290

42.8034, 0.3544, 0.3291

87.0501, 0.2884, 0.3290

35.2413, 0.3823, 0.3291

92.1457, 0.2849, 0.3289

28.9554, 0.4165, 0.3292

23.8753, 0.4574, 0.3293

19.9239, 0.5037, 0.3295

17.0151, 0.5516, 0.3296

15.0505, 0.5944, 0.3297

13.9130, 0.6248, 0.3299

Harmonies

Analogous

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

62.0087, 0.3135, 0.3282

62.0087, 0.3142, 0.3290

62.0087, 0.3145, 0.3298

Triad

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

62.0087, 0.3142, 0.3290

62.0087, 0.3129, 0.3304

62.0087, 0.3111, 0.3277

Complementary

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

62.0087, 0.3142, 0.3290

62.7739, 0.3113, 0.3290

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.

62.0087, 0.3110, 0.3283

62.0087, 0.3142, 0.3290

62.0087, 0.3119, 0.3298

Square

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

62.0087, 0.3142, 0.3290

62.0087, 0.3137, 0.3306

62.0087, 0.3113, 0.3290

62.0087, 0.3117, 0.3275

Rectangle

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

62.0087, 0.3142, 0.3290

62.0087, 0.3144, 0.3302

62.0087, 0.3113, 0.3290

62.0087, 0.3110, 0.3278

Sweetspot

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

62.0114, 0.3142, 0.3290

100.0000, 0.3127, 0.3290

62.1024, 0.3128, 0.3267

21.4041, 0.3127, 0.3290

0.0000, 0.0000, 0.0000

Same Dimension

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

62.0114, 0.3142, 0.3290

98.2208, 0.3143, 0.3290

62.4685, 0.3141, 0.3301

13.7667, 0.3142, 0.3290

8.3581, 0.6400, 0.3299

0.4674, 0.6397, 0.3297

Inverse Universe

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

62.0114, 0.3142, 0.3290

98.2208, 0.3143, 0.3290

62.3138, 0.3113, 0.3279

13.7667, 0.3142, 0.3290

8.3581, 0.6400, 0.3299

0.4674, 0.6397, 0.3297

Previews

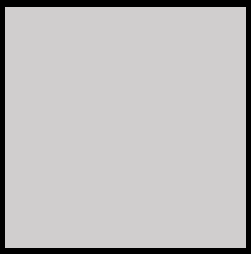
White Background

This preview shows how the Yxy color 62.0087, 0.3142, 0.3290 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



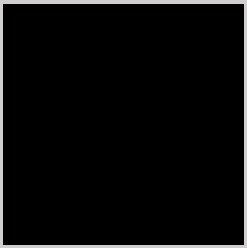
This preview shows how the Yxy color 62.0087, 0.3142, 0.3290 looks on a black background.

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 62.0087, 0.3142, 0.3290 Background



This preview shows how black text looks on a background with the Yxy color 62.0087, 0.3142, 0.3290.

This preview shows how white text looks on a background with the Yxy color 62.0087, 0.3142, 0.3290.

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
62.0087, 0.3142, 0.3290

Protanopia
61.8205, 0.3158, 0.3279

Deuteranopia
61.9823, 0.3280, 0.3213

Tritanopia
62.0547, 0.3060, 0.3109

Trichromacy

Original Color
62.0087, 0.3142, 0.3290

Protanomaly
61.6742, 0.3151, 0.3279

Deuteranomaly
61.8061, 0.3223, 0.3234

Tritanomaly
62.1242, 0.3087, 0.3176

Monochromacy

Original Color
62.0087, 0.3142, 0.3290

Achromatopsia
62.3960, 0.3127, 0.3290

Achromatomaly
62.3960, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0087, 0.3142, 0.3290 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, 206) looks like.

```
.text, #text, p{
    color:rgb(208, 206, 206)
}
```

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, 206) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 62.0087, 0.3142, 0.3290 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, 206) }
```

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

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

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, 206) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 62.0087, 0.3142, 0.3290 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, 206) }
```

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

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

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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