

Converting Colors

$Yxy(62.3305, 0.3128, 0.3304)$

Have a look what the booklet for
Yxy(62.3305, 0.3128, 0.3304)
contains.

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Color

Yxy(62.2037, 0.3127, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CECFCE
RGB	206, 207, 206
RGB Percent	81%, 81%, 81%
CMY	0.1921, 0.1882, 0.1923
CMYK	0.00, 0.00, 0.01, 0.19
HSL	117°, 1%, 81%
HSV	117°, 1%, 81%
XYZ	58.9070, 62.2037, 67.2712
YIQ	206.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

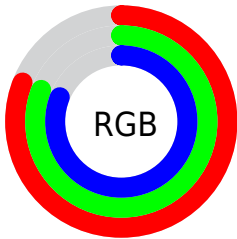
Format	Color
R _Y B	206, 207, 207
Decimal	13553614
CIE Lab	83.02, -0.52, 0.39
CIE LCh	83, 0.647, 143.418
Yxy	62.2037, 0.3127, 0.3302
Android (android.graphics.Color)	4291743694 (0xFFCECFCE)
YUV	206.5870, -0.2894, -0.5148
Hunter-Lab	78.8693, -4.7008, 4.6374

Details

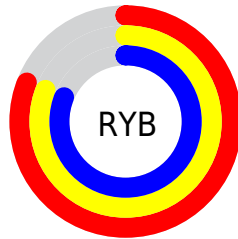
The Yxy color $62.2037, 0.3127, 0.3302$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.8892, 0.3127, 0.3278$, and the grayscale version is $62.1212, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.7249, 0.3126, 0.3305$ is the 20% darker color. If you saturate the color by 10%, you get $58.6284, 0.3123, 0.3559$, and if you desaturate by 10%, it is $66.2679, 0.3130, 0.3078$.

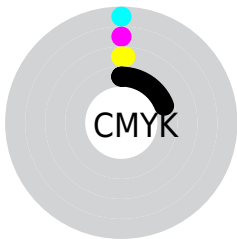
Distribution



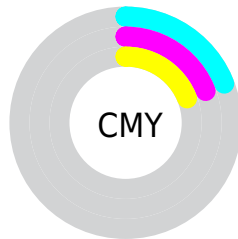
- Red (81%)
- Green (81%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2037, 0.3127, 0.3302 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 62.2037, 0.3127, 0.3302 by changing the saturation by 10% instead.

■ 62.2037, 0.3127,
0.3302

■ 62.2037, 0.3127,
0.3302

432.6737, 0.3127,
0.3296

■ 45.1973, 0.3127,
0.3303

108.0199, 0.3127,
0.3300

■ 31.6129, 0.3127,
0.3305

137.5985, 0.3127,
0.3299

■ 21.0660, 0.3127,
0.3307

172.1366, 0.3127,
0.3299

■ 13.1722, 0.3127,
0.3310

212.0186, 0.3127,
0.3298

■ 7.5473, 0.3127,
0.3314

257.6289, 0.3127,
0.3298

■ 3.8066, 0.3127,
0.3320

309.3520, 0.3127,

■ 1.5660, 0.3126,

0.3297

0.3331

367.5721, 0.3127,
0.3297

0.3345, 0.3124,
0.3424

0.0000, 0.0000,
0.0000

62.2037, 0.3127,
0.3302

62.2037, 0.3127,
0.3302

58.6284, 0.3123,
0.3559

66.2679, 0.3130,
0.3078

55.5161, 0.3117,
0.3850

70.8301, 0.3131,
0.2883

52.8501, 0.3109,
0.4171

73.1074, 0.3149,
0.2821

50.6101, 0.3098,
0.4516

■ 48.7740, 0.3085,
0.4870

■ 47.3176, 0.3070,
0.5212

■ 46.2144, 0.3053,
0.5515

■ 45.4343, 0.3036,
0.5755

■ 44.9422, 0.3020,
0.5913

Harmonies

Analogous

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



62.2037, 0.3135, 0.3304



62.2037, 0.3127, 0.3302



62.2037, 0.3119, 0.3296

Triad

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



62.2037, 0.3127, 0.3302



62.2037, 0.3113, 0.3277



62.2037, 0.3141, 0.3291

Complementary

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



62.2037, 0.3127, 0.3302



61.8892, 0.3127, 0.3278

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.



62.2037, 0.3136, 0.3284



62.2037, 0.3127, 0.3302



62.2037, 0.3119, 0.3276

Square

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



62.2037, 0.3127, 0.3302



62.2037, 0.3111, 0.3282



62.2037, 0.3128, 0.3279



62.2037, 0.3143, 0.3298

Rectangle

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



62.2037, 0.3127, 0.3302



62.2037, 0.3115, 0.3292



62.2037, 0.3128, 0.3279



62.2037, 0.3140, 0.3289

Sweetspot

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



62.2064, 0.3127, 0.3302

100.0000, 0.3127, 0.3290



62.3143, 0.3134, 0.3301



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.



62.2064, 0.3127, 0.3302



99.3810, 0.3127, 0.3314



62.2206, 0.3123, 0.3297



13.9178, 0.3127, 0.3313



28.1720, 0.3012, 0.5990



1.5856, 0.3052, 0.5958

Inverse Universe

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



61.8892, 0.3127, 0.3278



98.3589, 0.3127, 0.3266



61.8749, 0.3131, 0.3283



13.7847, 0.3127, 0.3267



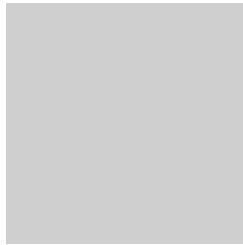
10.2754, 0.3082, 0.1471



0.5842, 0.3106, 0.1485

Previews

White Background



This preview shows how the Yxy color 62.2037, 0.3127, 0.3302 looks on a white background.

Color Contrast Check

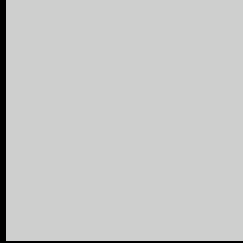
Large Text (above 18pt) WCAG AA × Fail

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 62.2037, 0.3127, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

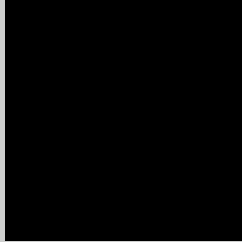
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

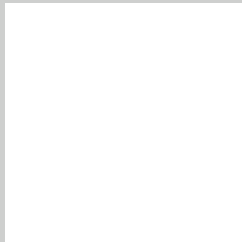
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2037, 0.3127, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 62.2037, 0.3127, 0.3302.

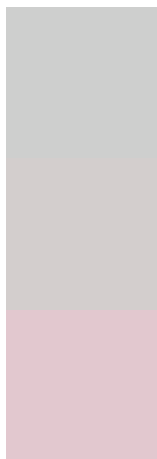


This preview shows how white text looks on a background with the Yxy color 62.2037, 0.3127, 0.3302.

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

62.2037, 0.3127, 0.3302

Protanopia

62.3993, 0.3172, 0.3302

Deuteranopia

61.9823, 0.3280, 0.3213



Tritanopia

62.2930, 0.3039, 0.3108

Trichromacy



Original Color

62.2037, 0.3127, 0.3302

Protanomaly

62.1057, 0.3157, 0.3302

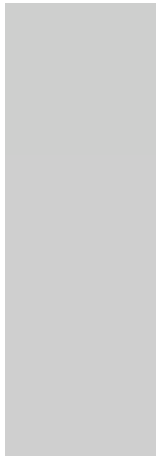
Deuteranomaly

62.2769, 0.3222, 0.3245

Tritanomaly

62.3659, 0.3065, 0.3176

Monochromacy



Original Color

62.2037, 0.3127, 0.3302

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 62.2037, 0.3127, 0.3302 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, 206)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 62.2037, 0.3127, 0.3302 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, 206) }
```

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

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

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, 206)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to $\text{Yxy } 62.2037, 0.3127, 0.3302$ 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, 206) }
```

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

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