

Converting Colors

$Yxy(62.7758, 0.3092, 0.3274)$

Have a look what the booklet for
Yxy(62.7758, 0.3092, 0.3274)
contains.

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Color

Yxy(62.7440, 0.3091, 0.3267)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CDD0D2 |
| RGB | 205, 208, 210 |
| RGB Percent | 80%, 82%, 82% |
| CMY | 0.1961, 0.1843, 0.1765 |
| CMYK | 0.02, 0.01, 0.00, 0.18 |
| HSL | 204°, 5%, 81% |
| HSV | 204°, 2%, 82% |
| XYZ | 59.3639, 62.7440, 69.9460 |
| YIQ | 207.3310, -2.4300, -0.0140 |

Conversions

Conversions Part 2

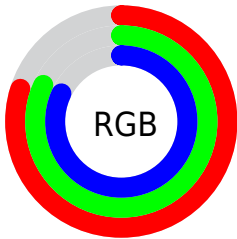
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 205, 207, 210 |
| Decimal | 13488338 |
| CIE Lab | 83.31, -0.65, -1.35 |
| CIE LCh | 83, 1.499, 244.189 |
| Yxy | 62.7440, 0.3091, 0.3267 |
| Android (android.graphics.Color) | 4291678418 (0xFFCDD0D2) |
| YUV | 207.3310, 1.3158, -2.0443 |
| Hunter-Lab | 79.2111, -4.8447, 3.0928 |

Details

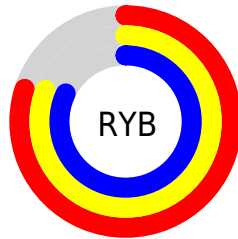
The Yxy color **62.7440, 0.3091, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7241, 0.3164, 0.3313**, and the grayscale version is **62.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0908, 0.3079, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **55.9972, 0.2936, 0.3164**, and if you desaturate by 10%, it is **70.1109, 0.3241, 0.3360**.

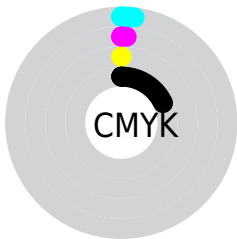
Distribution



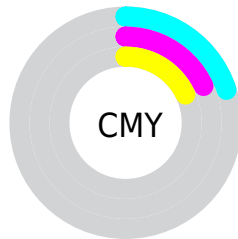
- Red (80%)
- Green (82%)
- Blue (82%)



- Red (80%)
- Yellow (81%)
- Blue (82%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7440, 0.3091, 0.3267 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 62.7440, 0.3091, 0.3267 by changing the saturation by 10% instead.

■ 62.7440, 0.3091,
0.3267

■ 62.7440, 0.3091,
0.3267

434.6398, 0.3108,
0.3278

■ 45.6341, 0.3087,
0.3264

108.8001, 0.3097,
0.3271

■ 31.9572, 0.3082,
0.3261

138.5151, 0.3099,
0.3272

■ 21.3288, 0.3075,
0.3257

173.2007, 0.3101,
0.3274

■ 13.3646, 0.3067,
0.3251

213.2411, 0.3103,
0.3275

■ 7.6801, 0.3054,
0.3243

259.0208, 0.3105,
0.3276

■ 3.8909, 0.3036,
0.3231

310.9243, 0.3106,

■ 1.6127, 0.3005,

0.3277

0.3211

369.3358, 0.3107,
0.3277

0.3662, 0.2788,
0.3074

0.0000, 0.0000,
0.0000

62.7440, 0.3091,
0.3267

62.7440, 0.3091,
0.3267

55.9972, 0.2936,
0.3164

70.1109, 0.3241,
0.3360

49.8432, 0.2780,
0.3049

78.1079, 0.3386,
0.3442

44.2646, 0.2623,
0.2924

84.2062, 0.3430,
0.3522

39.2398, 0.2471,
0.2788

89.0415, 0.3416,
0.3602

■ 34.7455, 0.2327,
0.2645

■ 94.1029, 0.3402,
0.3681

■ 30.7566, 0.2196,
0.2494

■ 97.4325, 0.3394,
0.3731

■ 27.2452, 0.2081,
0.2340

■ 24.1795, 0.1985,
0.2186

■ 21.5223, 0.1912,
0.2034

Harmonies

Analogous

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



62.7440, 0.3092, 0.3282



62.7440, 0.3091, 0.3267



62.7440, 0.3100, 0.3259

Triad

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



62.7440, 0.3091, 0.3267



62.7440, 0.3152, 0.3282



62.7440, 0.3139, 0.3322

Complementary

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



62.7440, 0.3091, 0.3267



62.7241, 0.3164, 0.3313

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.



62.7440, 0.3155, 0.3322



62.7440, 0.3091, 0.3267



62.7440, 0.3163, 0.3299

Square

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



62.7440, 0.3091, 0.3267



62.7440, 0.3135, 0.3267



62.7440, 0.3164, 0.3313



62.7440, 0.3120, 0.3314

Rectangle

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



62.7440, 0.3091, 0.3267



62.7440, 0.3110, 0.3258



62.7440, 0.3164, 0.3313



62.7440, 0.3145, 0.3323

Sweetspot

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



62.7467, 0.3091, 0.3267



98.8750, 0.3112, 0.3280



63.5671, 0.3111, 0.3326



21.1752, 0.3113, 0.3281



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.



62.7467, 0.3091, 0.3267



96.6545, 0.3081, 0.3261



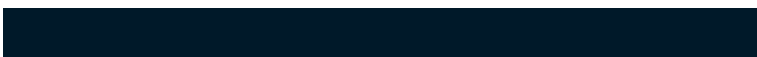
61.5731, 0.3092, 0.3239



13.4195, 0.3070, 0.3253



12.2341, 0.1873, 0.1943



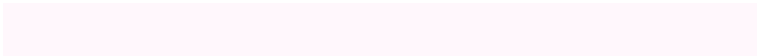
0.8368, 0.1949, 0.2217

Inverse Universe

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



61.9168, 0.3144, 0.3256



95.0216, 0.3149, 0.3246



63.9081, 0.3162, 0.3341



13.1382, 0.3154, 0.3235



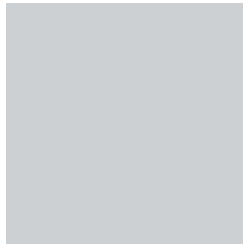
9.3063, 0.4518, 0.2262



0.5358, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 62.7440, 0.3091, 0.3267 looks on a white background.

Color Contrast Check

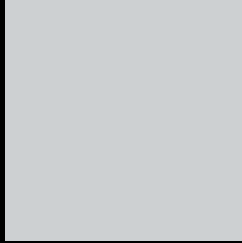
Large Text (above 18pt) WCAG AA × Fail

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 62.7440, 0.3091, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

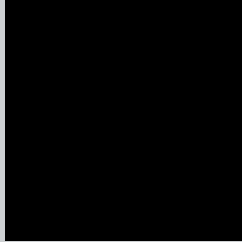
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

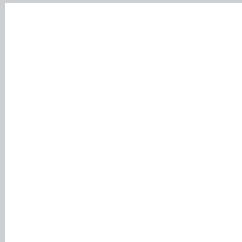
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7440, 0.3091, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 62.7440, 0.3091, 0.3267.

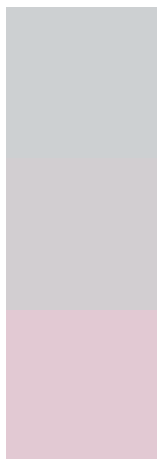


This preview shows how white text looks on a background with the Yxy color 62.7440, 0.3091, 0.3267.

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

62.7440, 0.3091, 0.3267

Protanopia

62.4477, 0.3136, 0.3256

Deuteranopia

62.6452, 0.3249, 0.3180



Tritanopia

62.6819, 0.3024, 0.3108

Trichromacy



Original Color

62.7440, 0.3091, 0.3267

Protanomaly

62.6390, 0.3121, 0.3267

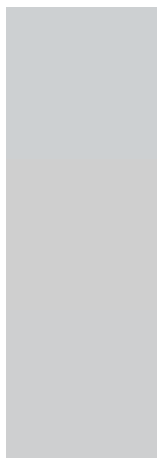
Deuteranomaly

62.7943, 0.3184, 0.3212

Tritanomaly

62.8094, 0.3044, 0.3164

Monochromacy



Original Color

62.7440, 0.3091, 0.3267

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3015, 0.3113, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7440, 0.3091, 0.3267 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(205, 208, 210) looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 210)  
}
```

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(205, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 210) }
```

Border

The CSS property to change the border of an element to Yxy 62.7440, 0.3091, 0.3267 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(205, 208, 210) }
```

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

```
.border{ border-color:rgb(205, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7440, 0.3091, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 210) }
```

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

```
.background{ background-color: rgb(205,  
208, 210) }
```

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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