

Converting Colors

$Yxy(62.0917, 0.3228, 0.3395)$

Have a look what the booklet for
Yxy(62.0917, 0.3228, 0.3395)
contains.

Yxy(62.0227, 0.3230, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.0227, 0.3230, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	D3CEC5
RGB	211, 206, 197
RGB Percent	83%, 81%, 77%
CMY	0.1723, 0.1922, 0.2274
CMYK	0.00, 0.02, 0.07, 0.17
HSL	38°, 14%, 80%
HSV	38°, 7%, 83%
XYZ	59.0257, 62.0227, 61.6938
YIQ	206.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

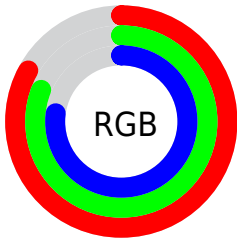
Format	Color
RYB	205, 211, 197
Decimal	13881029
CIELab	82.93, 0.18, 5.06
CIELCh	83, 5.067, 87.955
Yxy	62.0227, 0.3230, 0.3394
Android (android.graphics.Color)	4292071109 (0xFFD3CEC5)
YUV	206.4690, -4.6682, 3.9737
Hunter-Lab	78.7545, -4.0363, 8.6822

Details

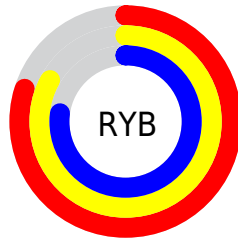
The Yxy color **62.0227, 0.3230, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8583, 0.3026, 0.3184**, and the grayscale version is **62.0717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.5076, 0.3253, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **57.5460, 0.3399, 0.3557**, and if you desaturate by 10%, it is **66.8180, 0.3078, 0.3239**.

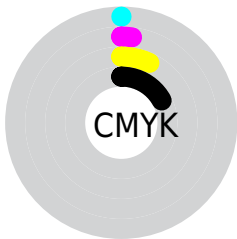
Distribution



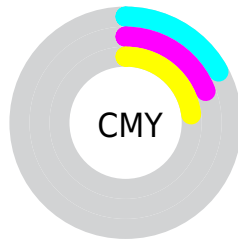
- Red (83%)
- Green (81%)
- Blue (77%)



- Red (80%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0227, 0.3230, 0.3394 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 62.0227, 0.3230, 0.3394 by changing the saturation by 10% instead.

■ 62.0227, 0.3230,
0.3394

■ 62.0227, 0.3230,
0.3394

432.0139, 0.3181,
0.3345

■ 45.0510, 0.3242,
0.3406

107.7583, 0.3213,
0.3377

■ 31.4976, 0.3256,
0.3420

137.2911, 0.3206,
0.3370

■ 20.9781, 0.3275,
0.3439

171.7797, 0.3200,
0.3364

■ 13.1080, 0.3300,
0.3464

211.6085, 0.3195,
0.3359

■ 7.5029, 0.3335,
0.3500

257.1620, 0.3191,
0.3355

■ 3.7786, 0.3389,
0.3554

308.8244, 0.3187,

■ 1.5505, 0.3479,

0.3351

0.3644

366.9802, 0.3184,
0.3348

0.3239, 0.4909,
0.5091

0.0000, 0.0000,
0.0000

62.0227, 0.3230,
0.3394

62.0227, 0.3230,
0.3394

57.5460, 0.3399,
0.3557

66.8180, 0.3078,
0.3239

53.3717, 0.3585,
0.3726

71.9314, 0.2943,
0.3094

49.4940, 0.3787,
0.3895

77.0247, 0.2853,
0.3014

45.9038, 0.4001,
0.4057

81.3285, 0.2857,
0.3095

■ 42.5913, 0.4221,
0.4203

■ 85.8194, 0.2861,
0.3176

■ 39.5462, 0.4438,
0.4321

■ 90.4997, 0.2865,
0.3255

■ 36.7568, 0.4643,
0.4401

■ 92.5966, 0.2866,
0.3289

■ 34.2099, 0.4823,
0.4432

■ 31.8894, 0.4970,
0.4412

Harmonies

Analogous

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



62.0227, 0.3253, 0.3359



62.0227, 0.3230, 0.3394



62.0227, 0.3179, 0.3401

Triad

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



62.0227, 0.3230, 0.3394



62.0227, 0.3013, 0.3272



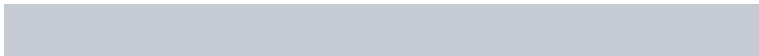
62.0227, 0.3139, 0.3204

Complementary

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



62.0227, 0.3230, 0.3394



58.8583, 0.3026, 0.3184

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.



62.0227, 0.3075, 0.3181



62.0227, 0.3230, 0.3394



62.0227, 0.3003, 0.3220

Square

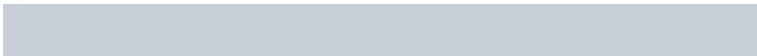
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0227, 0.3230, 0.3394



62.0227, 0.3054, 0.3331



62.0227, 0.3025, 0.3187



62.0227, 0.3200, 0.3250

Rectangle

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



62.0227, 0.3230, 0.3394



62.0227, 0.3137, 0.3389



62.0227, 0.3025, 0.3187



62.0227, 0.3117, 0.3194

Sweetspot

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



62.0254, 0.3230, 0.3394



98.5072, 0.3158, 0.3321



58.0693, 0.3200, 0.3230



21.1003, 0.3156, 0.3320



0.0000, 0.0000, 0.0000



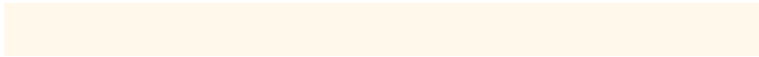
21.4041, 0.3127, 0.3290

Same Dimension

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



62.0254, 0.3230, 0.3394



94.1477, 0.3253, 0.3417



64.2284, 0.3211, 0.3452



13.0501, 0.3275, 0.3438



18.9916, 0.5001, 0.4411



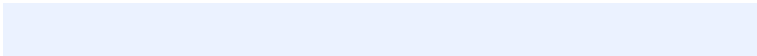
1.2095, 0.4815, 0.4559

Inverse Universe

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



58.8583, 0.3026, 0.3184



88.2956, 0.3003, 0.3160



56.7734, 0.3041, 0.3124



12.1061, 0.2982, 0.3137



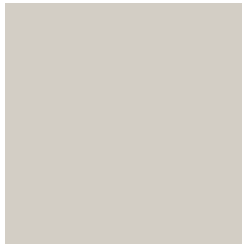
6.1475, 0.1657, 0.1164



0.4926, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 62.0227, 0.3230, 0.3394 looks on a white background.

Color Contrast Check

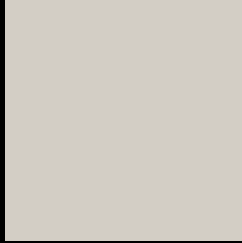
Large Text (above 18pt) WCAG AA × Fail

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 62.0227, 0.3230, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

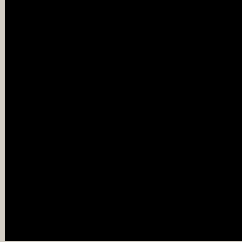
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

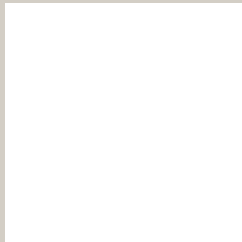
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.0227, 0.3230, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 62.0227, 0.3230, 0.3394.

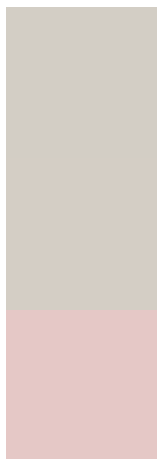


This preview shows how white text looks on a background with the Yxy color 62.0227, 0.3230, 0.3394.

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

62.0227, 0.3230, 0.3394

Protanopia

62.1709, 0.3237, 0.3394

Deuteranopia

62.0438, 0.3373, 0.3313



Tritanopia

62.1225, 0.3098, 0.3110

Trichromacy



Original Color

62.0227, 0.3230, 0.3394

Protanomaly

62.1709, 0.3237, 0.3394

Deuteranomaly

61.8479, 0.3314, 0.3336

Tritanomaly

62.0350, 0.3146, 0.3211

Monochromacy



Original Color

62.0227, 0.3230, 0.3394

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8643, 0.3164, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0227, 0.3230, 0.3394 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(211, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(211, 206, 197)  
}
```

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(211, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 206, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.0227, 0.3230, 0.3394 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(211, 206, 197) }
```

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

```
.border{ border-color:rgb(211, 206, 197) }
```

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

Here you see how a box with a 4 pixel rgb(211, 206, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 206,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0227, 0.3230, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 206, 197) }
```

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

```
.background{ background-color: rgb(211,  
206, 197) }
```

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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