

Converting Colors

$Yxy(60.6728, 0.3235, 0.3591)$

Have a look what the booklet for
Yxy(60.6728, 0.3235, 0.3591)
contains.

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Color

Yxy(60.6728, 0.3235, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	C7D0B7
RGB	199, 208, 183
RGB Percent	78%, 82%, 72%
CMY	0.2196, 0.1843, 0.2824
CMYK	0.04, 0.00, 0.12, 0.18
HSL	82°, 21%, 77%
HSV	82°, 12%, 82%
XYZ	54.6579, 60.6728, 53.6273
YIQ	202.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

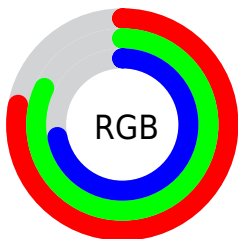
Format	Color
RYB	183, 208, 192
Decimal	13095095
CIELab	82.20, -7.50, 11.37
CIELCh	82, 13.619, 123.396
Yxy	60.6728, 0.3235, 0.3591
Android (android.graphics.Color)	4291285175 (0xFFC7D0B7)
YUV	202.4590, -9.5933, -3.0335
Hunter-Lab	77.8927, -11.0576, 13.7052

Details

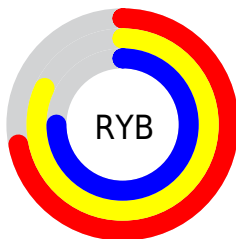
The Yxy color **60.6728, 0.3235, 0.3591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6247, 0.3010, 0.2984**, and the grayscale version is **59.4264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **30.7427, 0.3260, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **58.8741, 0.3324, 0.3859**, and if you desaturate by 10%, it is **62.6551, 0.3145, 0.3339**.

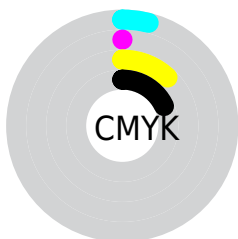
Distribution



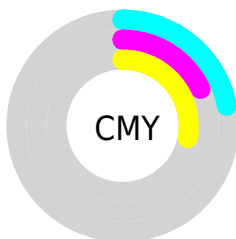
- Red (78%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6728, 0.3235, 0.3591 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 60.6728, 0.3235, 0.3591 by changing the saturation by 10% instead.

■ 60.6728, 0.3235,
0.3591

■ 60.6728, 0.3235,
0.3591

427.0733, 0.3184,
0.3445

■ 43.9612, 0.3247,
0.3626

■ 105.8050, 0.3217,
0.3539

■ 30.6400, 0.3261,
0.3671

134.9944, 0.3211,
0.3519

■ 20.3249, 0.3279,
0.3728

169.1118, 0.3205,
0.3502

■ 12.6314, 0.3304,
0.3807

208.5417, 0.3200,
0.3488

■ 7.1752, 0.3336,
0.3919

253.6684, 0.3195,
0.3475

■ 3.5719, 0.3383,
0.4093

304.8762, 0.3191,

■ 1.4371, 0.3481,

0.3464

0.4433

362.5498, 0.3188,
0.3454

0.2438, 0.1667,
0.8333

0.0000, 0.0000,
0.0000

60.6728, 0.3235,
0.3591

60.6728, 0.3235,
0.3591

58.8741, 0.3324,
0.3859

62.6551, 0.3145,
0.3339

57.2448, 0.3410,
0.4138

64.8189, 0.3057,
0.3105

55.7807, 0.3488,
0.4420

67.1726, 0.2973,
0.2892

54.4746, 0.3553,
0.4694

68.9793, 0.2964,
0.2805

■ 53.3186, 0.3600,
0.4948

■ 70.2358, 0.3016,
0.2812

■ 52.3038, 0.3625,
0.5170

■ 71.5459, 0.3069,
0.2820

■ 51.4204, 0.3626,
0.5347

■ 72.9104, 0.3123,
0.2827

■ 50.6565, 0.3603,
0.5475

■ 73.5931, 0.3149,
0.2831

■ 50.1167, 0.3571,
0.5547

Harmonies

Analogous

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



60.6728, 0.3385, 0.3582



60.6728, 0.3235, 0.3591



60.6728, 0.3060, 0.3514

Triad

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



60.6728, 0.3235, 0.3591



60.6728, 0.2799, 0.3076



60.6728, 0.3351, 0.3207

Complementary

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



60.6728, 0.3235, 0.3591



49.6247, 0.3010, 0.2984

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.



60.6728, 0.3189, 0.3081



60.6728, 0.3235, 0.3591



60.6728, 0.2872, 0.3004

Square

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



60.6728, 0.3235, 0.3591



60.6728, 0.2811, 0.3209



60.6728, 0.3013, 0.3007



60.6728, 0.3454, 0.3356

Rectangle

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



60.6728, 0.3235, 0.3591



60.6728, 0.2952, 0.3423



60.6728, 0.3013, 0.3007



60.6728, 0.3301, 0.3161

Sweetspot

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



60.6754, 0.3235, 0.3591



98.6714, 0.3163, 0.3388



54.4181, 0.3329, 0.3396



21.0674, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



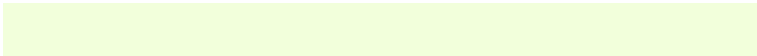
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6754, 0.3235, 0.3591



95.5564, 0.3254, 0.3647



59.0648, 0.3141, 0.3600



13.5762, 0.3211, 0.3524



31.2907, 0.3579, 0.5540



1.7934, 0.3693, 0.5450

Inverse Universe

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



49.6247, 0.3010, 0.2984



75.2184, 0.2987, 0.2926



51.2928, 0.3110, 0.2993



11.6216, 0.3037, 0.3054



3.8152, 0.1789, 0.0759



0.2575, 0.1999, 0.0875

Previews

White Background



This preview shows how the Yxy color 60.6728, 0.3235, 0.3591 looks on a white background.

Color Contrast Check

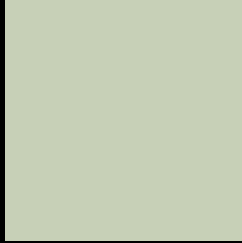
Large Text (above 18pt) WCAG AA × Fail

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 60.6728, 0.3235, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

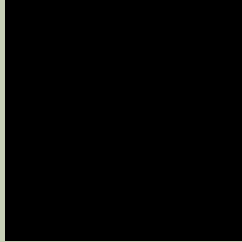
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

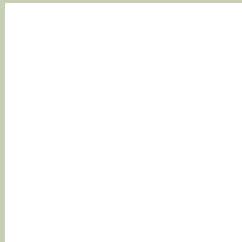
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6728, 0.3235, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 60.6728, 0.3235, 0.3591.



This preview shows how white text looks on a background with the Yxy color 60.6728, 0.3235, 0.3591.

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

60.6728, 0.3235, 0.3591

Protanopia

60.6681, 0.3366, 0.3559

Deuteranopia

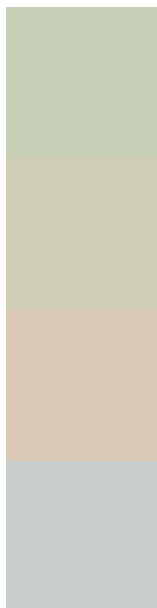
60.4242, 0.3496, 0.3425



Tritanopia

60.6637, 0.3023, 0.3106

Trichromacy



Original Color

60.6728, 0.3235, 0.3591

Protanomaly

60.4499, 0.3317, 0.3562

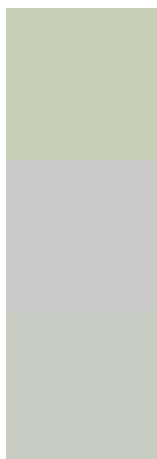
Deuteranomaly

60.2940, 0.3397, 0.3487

Tritanomaly

60.6754, 0.3097, 0.3278

Monochromacy



Original Color

60.6728, 0.3235, 0.3591

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5434, 0.3168, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6728, 0.3235, 0.3591 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(199, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 183)  
}
```

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(199, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 183) }
```

Border

The CSS property to change the border of an element to Yxy 60.6728, 0.3235, 0.3591 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(199, 208, 183) }
```

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

```
.border{ border-color:rgb(199, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6728, 0.3235, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 183) }
```

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

```
.background{ background-color: rgb(199,  
208, 183) }
```

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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