

Converting Colors

$Yxy(65.1376, 0.3273, 0.3587)$

Have a look what the booklet for
Yxy(65.1376, 0.3273, 0.3587)
contains.

| | |
|---|----|
| Yxy(65.2793, 0.3269, 0.3592) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(65.2793, 0.3269, 0.3592)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1D6BC |
| RGB | 209, 214, 188 |
| RGB Percent | 82%, 84%, 74% |
| CMY | 0.1806, 0.1607, 0.2627 |
| CMYK | 0.02, 0.00, 0.12, 0.16 |
| HSL | 72°, 24%, 79% |
| HSV | 72°, 12%, 84% |
| XYZ | 59.4093, 65.2793, 57.0467 |
| YIQ | 209.5410, 5.3660, -9.1460 |

Conversions

Conversions Part 2

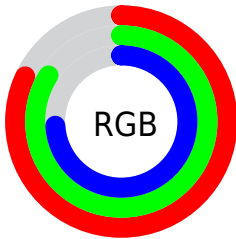
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 188, 214, 193 |
| Decimal | 13751996 |
| CIE Lab | 84.63, -6.23, 12.26 |
| CIE LCh | 85, 13.756, 116.945 |
| Yxy | 65.2793, 0.3269, 0.3592 |
| Android (android.graphics.Color) | 4291942076 (0xFFD1D6BC) |
| YUV | 209.5410, -10.6197, -0.4745 |
| Hunter-Lab | 80.7956, -10.1407, 14.6945 |

Details

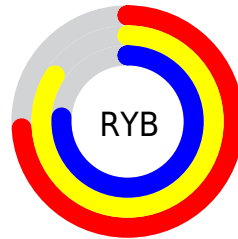
The Yxy color **65.2793, 0.3269, 0.3592** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1694, 0.2975, 0.2977**, and the grayscale version is **64.1983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **33.4156, 0.3297, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **63.8274, 0.3387, 0.3853**, and if you desaturate by 10%, it is **66.8897, 0.3152, 0.3342**.

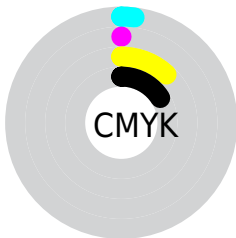
Distribution



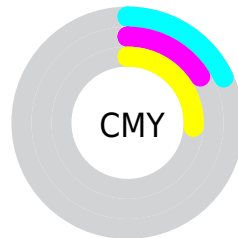
- Red (82%)
- Green (84%)
- Blue (74%)



- Red (74%)
- Yellow (84%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2793, 0.3269, 0.3592 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 65.2793, 0.3269, 0.3592 by changing the saturation by 10% instead.

■ 65.2793, 0.3269,
0.3592

■ 65.2793, 0.3269,
0.3592

443.7950, 0.3203,
0.3448

■ 47.6876, 0.3284,
0.3626

■ 112.4513, 0.3246,
0.3541

■ 33.5796, 0.3303,
0.3669

142.8004, 0.3237,
0.3521

■ 22.5708, 0.3327,
0.3724

178.1707, 0.3229,
0.3505

■ 14.2769, 0.3358,
0.3798

218.9467, 0.3223,
0.3490

■ 8.3135, 0.3400,
0.3902

265.5127, 0.3217,
0.3478

■ 4.2962, 0.3460,
0.4059

318.2532, 0.3212,

■ 1.8406, 0.3552,

0.3466

0.4321

377.5525, 0.3207,
0.3457

0.5123, 0.3952,
0.6048

0.0000, 0.0000,
0.0000

65.2793, 0.3269,
0.3592

65.2793, 0.3269,
0.3592

63.8274, 0.3387,
0.3853

66.8897, 0.3152,
0.3342

62.5192, 0.3502,
0.4118


68.6557, 0.3039,
0.3107


61.3511, 0.3609,
0.4379

70.5857, 0.2931,
0.2889

60.3159, 0.3704,
0.4626

71.4274, 0.2942,
0.2865


 59.4058, 0.3780,
0.4848


 72.1070, 0.2970,
0.2869


 58.6122, 0.3833,
0.5035


 72.8031, 0.2999,
0.2872


 57.9249, 0.3860,
0.5178

 73.5157, 0.3028,
0.2876

 57.3321, 0.3862,
0.5275

 74.2449, 0.3056,
0.2880

 56.9172, 0.3850,
0.5325

 74.9909, 0.3086,
0.2883

Harmonies

Analogous

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



65.2793, 0.3405, 0.3565



65.2793, 0.3269, 0.3592



65.2793, 0.3097, 0.3533

Triad

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



65.2793, 0.3269, 0.3592



65.2793, 0.2799, 0.3103



65.2793, 0.3317, 0.3178

Complementary

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



65.2793, 0.3269, 0.3592



52.1694, 0.2975, 0.2977

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.



65.2793, 0.3150, 0.3063



65.2793, 0.3269, 0.3592



65.2793, 0.2853, 0.3017

Square

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



65.2793, 0.3269, 0.3592



65.2793, 0.2829, 0.3244



65.2793, 0.2980, 0.3004



65.2793, 0.3434, 0.3323

Rectangle

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



65.2793, 0.3269, 0.3592



65.2793, 0.2987, 0.3453



65.2793, 0.2980, 0.3004



65.2793, 0.3265, 0.3135

Sweetspot

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



65.2821, 0.3269, 0.3592



98.9860, 0.3174, 0.3388



55.9691, 0.3339, 0.3347



21.1472, 0.3183, 0.3407



0.0000, 0.0000, 0.0000



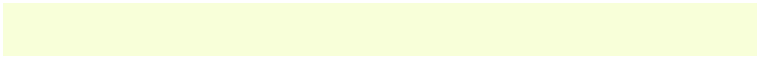
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2821, 0.3269, 0.3592



96.3930, 0.3304, 0.3669



63.5011, 0.3173, 0.3601



14.3923, 0.3237, 0.3522



34.4402, 0.3855, 0.5321



2.1092, 0.3917, 0.5272

Inverse Universe

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



52.1694, 0.2975, 0.2977



72.5945, 0.2933, 0.2893



53.9140, 0.3075, 0.2986



12.1238, 0.3011, 0.3051



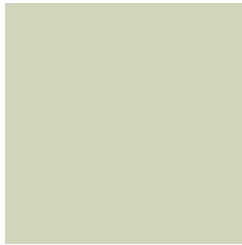
3.2617, 0.1598, 0.0654



0.2314, 0.1760, 0.0743

Previews

White Background



This preview shows how the Yxy color 65.2793, 0.3269, 0.3592 looks on a white background.

Color Contrast Check

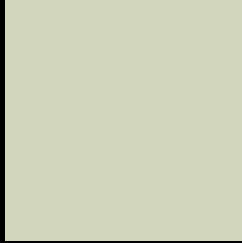
Large Text (above 18pt) WCAG AA × Fail

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 65.2793, 0.3269, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

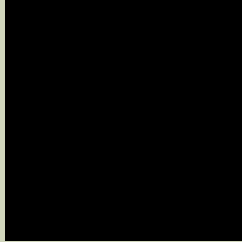
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

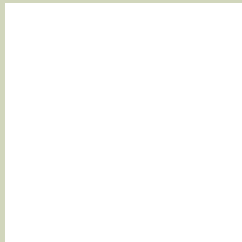
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2793, 0.3269, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 65.2793, 0.3269, 0.3592.



This preview shows how white text looks on a background with the Yxy color 65.2793, 0.3269, 0.3592.

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

65.2793, 0.3269, 0.3592

Protanopia

65.0105, 0.3383, 0.3562

Deuteranopia

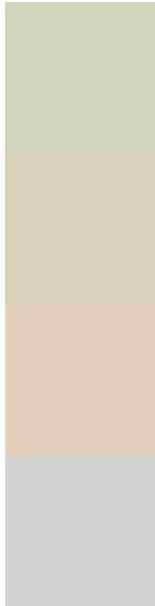
65.2542, 0.3508, 0.3443



Tritanopia

65.3333, 0.3055, 0.3112

Trichromacy



Original Color

65.2793, 0.3269, 0.3592

Protanomaly

64.9281, 0.3342, 0.3565

Deuteranomaly

65.2799, 0.3419, 0.3502

Tritanomaly

65.3390, 0.3128, 0.3279

Monochromacy



Original Color

65.2793, 0.3269, 0.3592

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5544, 0.3182, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2793, 0.3269, 0.3592 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(209, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 188)  
}
```

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(209, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 188) }
```

Border

The CSS property to change the border of an element to Yxy 65.2793, 0.3269, 0.3592 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(209, 214, 188) }
```

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

```
.border{ border-color:rgb(209, 214, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2793, 0.3269, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 188) }
```

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

```
.background{ background-color: rgb(209,  
214, 188) }
```

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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