

Converting Colors

Yxy(65.4326, 0.3168, 0.3143)

Have a look what the booklet for
Yxy(65.4326, 0.3168, 0.3143)
contains.

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Color

Yxy(65.1572, 0.3165, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	E0CEDC
RGB	224, 206, 220
RGB Percent	88%, 81%, 86%
CMY	0.1214, 0.1922, 0.1373
CMYK	0.00, 0.08, 0.02, 0.12
HSL	314°, 23%, 84%
HSV	314°, 8%, 88%
XYZ	65.7388, 65.1572, 76.8095
YIQ	212.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

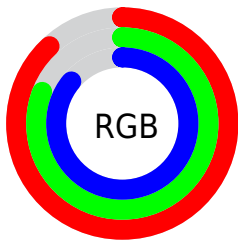
Format	Color
R_{YB}	224, 206, 220
Decimal	14733020
CIE Lab	84.56, 8.71, -4.65
CIE LCh	85, 9.874, 331.896
Yxy	65.1572, 0.3165, 0.3137
Android (android.graphics.Color)	4292923100 (0xFFE0CEDC)
YUV	212.9780, 3.4618, 9.6663
Hunter-Lab	80.7200, 4.1113, 0.0864

Details

The Yxy color $65.1572, 0.3165, 0.3137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.1135, 0.3091, 0.3448$, and the grayscale version is $66.5019, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.6081, 0.3176, 0.3104$ is the 20% darker color. If you saturate the color by 10%, you get $54.8678, 0.3219, 0.2940$, and if you desaturate by 10%, it is $76.9979, 0.3119, 0.3326$.

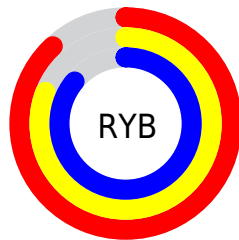
Distribution



Red (88%)

Green (81%)

Blue (86%)



Red (88%)

Yellow (81%)

Blue (86%)

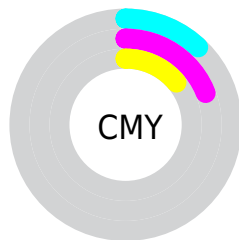


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1572, 0.3165, 0.3137 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 65.1572, 0.3165, 0.3137 by changing the saturation by 10% instead.

65.1572, 0.3165,
0.3137

65.1572, 0.3165,
0.3137

443.3567, 0.3148,
0.3208

47.5886, 0.3169,
0.3121

112.2758, 0.3159,
0.3162

33.5012, 0.3174,
0.3100

142.5946, 0.3157,
0.3172

22.5107, 0.3180,
0.3074

177.9322, 0.3155,
0.3180

14.2326, 0.3188,
0.3040

218.6731, 0.3153,
0.3187

8.2826, 0.3199,
0.2993

265.2015, 0.3151,
0.3193

4.2763, 0.3215,
0.2924

317.9020, 0.3150,

1.8293, 0.3240,

0.3199

0.2813

377.1589, 0.3149,
0.3204

0.5053, 0.3342,
0.2437

0.0000, 0.0000,
0.0000

65.1572, 0.3165,
0.3137

65.1572, 0.3165,
0.3137

54.8678, 0.3219,
0.2940

76.9979, 0.3119,
0.3326

46.0564, 0.3281,
0.2740

90.4423, 0.3079,
0.3504

38.6565, 0.3351,
0.2542

93.3796, 0.3050,
0.3493

32.5931, 0.3429,
0.2356

93.6754, 0.3022,
0.3441

■ 27.7843, 0.3514,
0.2190

■ 93.9796, 0.2994,
0.3389

■ 24.1390, 0.3603,
0.2056

■ 94.2922, 0.2966,
0.3337

■ 21.5542, 0.3693,
0.1962

■ 94.5949, 0.2941,
0.3289

■ 19.9081, 0.3783,
0.1914

■ 19.0286, 0.3869,
0.1912

Harmonies

Analogous

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



65.1572, 0.3041, 0.3087



65.1572, 0.3165, 0.3137



65.1572, 0.3281, 0.3226

Triad

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



65.1572, 0.3165, 0.3137



65.1572, 0.3314, 0.3495



65.1572, 0.2904, 0.3240

Complementary

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



65.1572, 0.3165, 0.3137



71.1135, 0.3091, 0.3448

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.



65.1572, 0.2975, 0.3353



65.1572, 0.3165, 0.3137



65.1572, 0.3210, 0.3503

Square

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



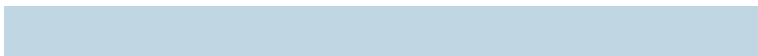
65.1572, 0.3165, 0.3137



65.1572, 0.3368, 0.3431



65.1572, 0.3086, 0.3451



65.1572, 0.2892, 0.3143

Rectangle

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



65.1572, 0.3165, 0.3137



65.1572, 0.3337, 0.3297



65.1572, 0.3086, 0.3451



65.1572, 0.2922, 0.3277

Sweetspot

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



65.1600, 0.3165, 0.3137



96.7154, 0.3136, 0.3252



63.2106, 0.3032, 0.3087



20.7355, 0.3136, 0.3254



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.



65.1600, 0.3165, 0.3137



84.4315, 0.3175, 0.3098



64.7021, 0.3228, 0.3234



13.8801, 0.3172, 0.3110



11.0117, 0.3873, 0.1907



0.7764, 0.3750, 0.1839

Inverse Universe

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



65.1600, 0.3165, 0.3137



84.4315, 0.3175, 0.3098



71.5684, 0.3035, 0.3347



13.8801, 0.3172, 0.3110



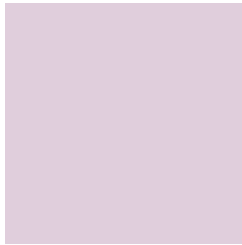
11.0117, 0.3873, 0.1907



0.7764, 0.3750, 0.1839

Previews

White Background



This preview shows how the Yxy color 65.1572, 0.3165, 0.3137 looks on a white background.

Color Contrast Check

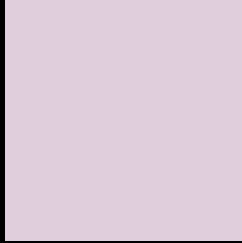
Large Text (above 18pt) WCAG AA × Fail

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 65.1572, 0.3165, 0.3137 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

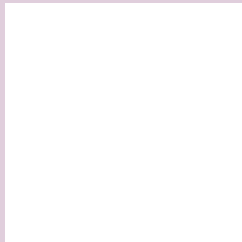
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1572, 0.3165, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 65.1572, 0.3165, 0.3137.



This preview shows how white text looks on a background with the Yxy color 65.1572, 0.3165, 0.3137.

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

65.1572, 0.3165, 0.3137

Protanopia

65.3642, 0.3060, 0.3156

Deuteranopia

65.1608, 0.3188, 0.3127



Tritanopia

65.2638, 0.3150, 0.3115

Trichromacy



Original Color

65.1572, 0.3165, 0.3137

Protanomaly

65.4203, 0.3096, 0.3157

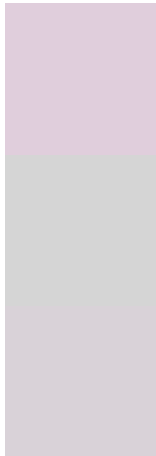
Deuteranomaly

64.9987, 0.3180, 0.3127

Tritanomaly

65.2104, 0.3157, 0.3126

Monochromacy



Original Color

65.1572, 0.3165, 0.3137

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8028, 0.3138, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1572, 0.3165, 0.3137 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(224, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 220)  
}
```

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(224, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 220) }
```

Border

The CSS property to change the border of an element to Yxy 65.1572, 0.3165, 0.3137 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(224, 206, 220) }
```

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

```
.border{ border-color:rgb(224, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1572, 0.3165, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 220) }
```

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

```
.background{ background-color: rgb(224,  
206, 220) }
```

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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