

Converting Colors

$Y_{xy}(65.0689, 0.3135, 0.3120)$

Have a look what the booklet for
Yxy(65.0689, 0.3135, 0.3120)
contains.

Yxy(64.9461, 0.3135, 0.3115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.9461, 0.3135, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	DECEDE
RGB	222, 206, 222
RGB Percent	87%, 81%, 87%
CMY	0.1297, 0.1920, 0.1295
CMYK	0.00, 0.07, 0.00, 0.13
HSL	300°, 19%, 84%
HSV	300°, 7%, 87%
XYZ	65.3631, 64.9461, 78.1855
YIQ	212.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

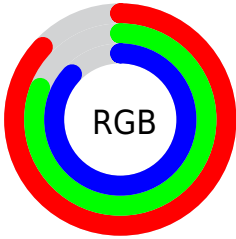
Format	Color
R _{YB}	222, 206, 222
Decimal	14601950
CIE Lab	84.46, 8.33, -5.90
CIE LCh	84, 10.209, 324.725
Yxy	64.9461, 0.3135, 0.3115
Android (android.graphics.Color)	4292792030 (0xFFDECEDE)
YUV	212.6080, 4.6303, 8.2368
Hunter-Lab	80.5891, 3.7442, -1.1092

Details

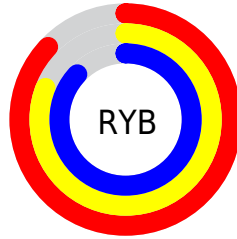
The Yxy color $64.9461, 0.3135, 0.3115$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.8245, 0.3119, 0.3471$, and the grayscale version is $66.2266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.4620, 0.3137, 0.3075$ is the 20% darker color. If you saturate the color by 10%, you get $54.9921, 0.3146, 0.2866$, and if you desaturate by 10%, it is $76.4151, 0.3124, 0.3357$.

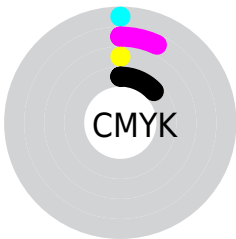
Distribution



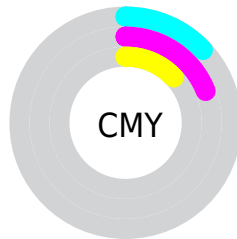
- Red (87%)
- Green (81%)
- Blue (87%)



- Red (87%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9461, 0.3135, 0.3115 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 64.9461, 0.3135, 0.3115 by changing the saturation by 10% instead.

64.9461, 0.3135,
0.3115

64.9461, 0.3135,
0.3115

442.5983, 0.3132,
0.3197

47.4174, 0.3136,
0.3096

111.9724, 0.3134,
0.3143

33.3657, 0.3136,
0.3073

142.2387, 0.3134,
0.3154

22.4068, 0.3137,
0.3043

177.5197, 0.3133,
0.3164

14.1561, 0.3138,
0.3004

218.1997, 0.3133,
0.3172

8.2293, 0.3139,
0.2950

264.6632, 0.3133,
0.3179

4.2420, 0.3140,
0.2872

317.2945, 0.3132,

1.8099, 0.3139,

0.3186

0.2746

376.4781, 0.3132,
0.3192

0.4933, 0.3179,
0.2332

0.0000, 0.0000,
0.0000

64.9461, 0.3135,
0.3115

64.9461, 0.3135,
0.3115

54.9921, 0.3146,
0.2866

76.4151, 0.3124,
0.3357

46.4820, 0.3157,
0.2616

89.4501, 0.3114,
0.3587

39.3510, 0.3168,
0.2373

92.3448, 0.3112,
0.3633

33.5265, 0.3177,
0.2148

92.3556, 0.3112,
0.3633

■ 28.9293, 0.3186,
0.1949

■ 92.3665, 0.3113,
0.3633

■ 25.4713, 0.3193,
0.1786

■ 92.3773, 0.3113,
0.3633

■ 23.0529, 0.3197,
0.1664

■ 92.3882, 0.3114,
0.3633

■ 21.5574, 0.3200,
0.1584

■ 92.3990, 0.3114,
0.3632

■ 20.8305, 0.3201,
0.1545

■ 92.4099, 0.3115,
0.3632

Harmonies

Analogous

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



64.9461, 0.3010, 0.3075



64.9461, 0.3135, 0.3115



64.9461, 0.3260, 0.3199

Triad

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



64.9461, 0.3135, 0.3115



64.9461, 0.3339, 0.3491



64.9461, 0.2909, 0.3266

Complementary

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



64.9461, 0.3135, 0.3115



69.8245, 0.3119, 0.3471

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.



64.9461, 0.2994, 0.3383



64.9461, 0.3135, 0.3115



64.9461, 0.3242, 0.3514

Square

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



64.9461, 0.3135, 0.3115



64.9461, 0.3380, 0.3414



64.9461, 0.3115, 0.3475



64.9461, 0.2881, 0.3159

Rectangle

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



64.9461, 0.3135, 0.3115



64.9461, 0.3326, 0.3271



64.9461, 0.3115, 0.3475



64.9461, 0.2932, 0.3305

Sweetspot

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



64.9489, 0.3135, 0.3115



96.7861, 0.3129, 0.3241



62.6839, 0.3017, 0.3111



20.7499, 0.3129, 0.3244



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.



64.9489, 0.3135, 0.3115



86.2079, 0.3137, 0.3068



64.5526, 0.3190, 0.3199



13.9334, 0.3137, 0.3059



12.2936, 0.3202, 0.1537



0.8528, 0.3203, 0.1538

Inverse Universe

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



64.1437, 0.3249, 0.3290



84.8345, 0.3284, 0.3290



70.2016, 0.3069, 0.3383



13.7012, 0.3292, 0.3290



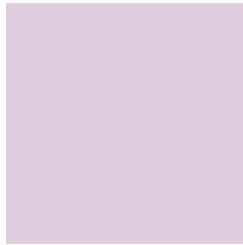
9.2255, 0.6397, 0.3298



0.6397, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 64.9461, 0.3135, 0.3115 looks on a white background.

Color Contrast Check

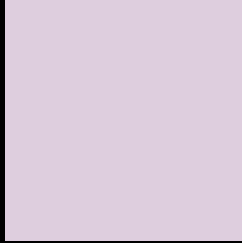
Large Text (above 18pt) WCAG AA × Fail

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 64.9461, 0.3135, 0.3115 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

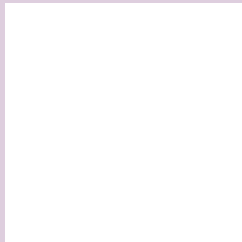
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9461, 0.3135, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 64.9461, 0.3135, 0.3115.

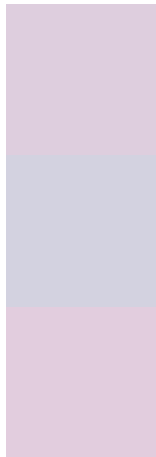


This preview shows how white text looks on a background with the Yxy color 64.9461, 0.3135, 0.3115.

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

64.9461, 0.3135, 0.3115

Protanopia

65.3239, 0.3039, 0.3133

Deuteranopia

65.1053, 0.3166, 0.3105



Tritanopia

64.9461, 0.3135, 0.3115

Trichromacy



Original Color

64.9461, 0.3135, 0.3115

Protanomaly

65.3757, 0.3075, 0.3134

Deuteranomaly

64.9441, 0.3159, 0.3105

Tritanomaly

64.9461, 0.3135, 0.3115

Monochromacy



Original Color

64.9461, 0.3135, 0.3115

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6500, 0.3130, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9461, 0.3135, 0.3115 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(222, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 222)  
}
```

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(222, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 64.9461, 0.3135, 0.3115 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(222, 206, 222) }
```

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

```
.border{ border-color:rgb(222, 206, 222) }
```

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

Here you see how a box with a 4 pixel rgb(222, 206, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9461, 0.3135, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 222) }
```

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

```
.background{ background-color: rgb(222,  
206, 222) }
```

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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