

Converting Colors

Yxy(65.7285, 0.3127, 0.3122)

Have a look what the booklet for
Yxy(65.7285, 0.3127, 0.3122)
contains.

Yxy(65.9691, 0.3127, 0.3126)	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(65.9691, 0.3127, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	DED0DF
RGB	222, 208, 223
RGB Percent	87%, 82%, 87%
CMY	0.1296, 0.1842, 0.1254
CMYK	0.00, 0.07, 0.00, 0.13
HSL	296°, 19%, 85%
HSV	296°, 7%, 87%
XYZ	65.9902, 65.9691, 79.0743
YIQ	213.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

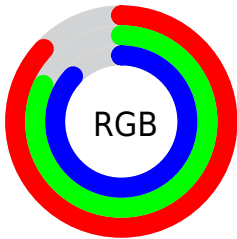
Format	Color
R _Y B	222, 208, 223
Decimal	14602463
CIE Lab	84.98, 7.48, -5.67
CIE LCh	85, 9.385, 322.851
Yxy	65.9691, 0.3127, 0.3126
Android (android.graphics.Color)	4292792543 (0xFFDED0DF)
YUV	213.8960, 4.4883, 7.1072
Hunter-Lab	81.2214, 2.8891, -0.8677

Details

The Yxy color $65.9691, 0.3127, 0.3126$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.9024, 0.3127, 0.3459$, and the grayscale version is $67.1377, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.1538, 0.3127, 0.3090$ is the 20% darker color. If you saturate the color by 10%, you get $55.6034, 0.3125, 0.2875$, and if you desaturate by 10%, it is $77.8718, 0.3127, 0.3368$.

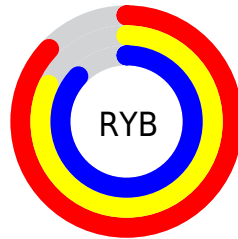
Distribution



Red (87%)

Green (82%)

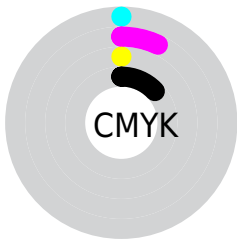
Blue (87%)



Red (87%)

Yellow (82%)

Blue (87%)

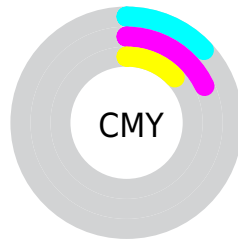


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9691, 0.3127, 0.3126 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 65.9691, 0.3127, 0.3126 by changing the saturation by 10% instead.

65.9691, 0.3127,
0.3126

65.9691, 0.3127,
0.3126

446.2664, 0.3128,
0.3202

48.2473, 0.3127,
0.3108

113.4420, 0.3127,
0.3153

34.0228, 0.3126,
0.3087

143.9619, 0.3127,
0.3163

22.9111, 0.3126,
0.3059

179.5166, 0.3127,
0.3172

14.5279, 0.3125,
0.3023

220.4905, 0.3127,
0.3180

8.4887, 0.3124,
0.2972

267.2681, 0.3127,
0.3186

4.4092, 0.3121,
0.2900

320.2336, 0.3128,

1.9050, 0.3115,

0.3192

0.2783

379.7716, 0.3128,
0.3198

0.5514, 0.3134,
0.2445

0.0000, 0.0000,
0.0000

65.9691, 0.3127,
0.3126

65.9691, 0.3127,
0.3126

55.6034, 0.3125,
0.2875

77.8718, 0.3127,
0.3368

46.7028, 0.3122,
0.2620

91.3626, 0.3126,
0.3596

39.2020, 0.3116,
0.2370

93.1246, 0.3134,
0.3619

33.0280, 0.3108,
0.2133

93.3804, 0.3144,
0.3618

■ 28.1008, 0.3098,
0.1921

■ 93.6386, 0.3154,
0.3617

■ 24.3320, 0.3085,
0.1742

■ 93.8990, 0.3164,
0.3616

■ 21.6212, 0.3071,
0.1604

■ 94.1619, 0.3174,
0.3615

■ 19.8515, 0.3054,
0.1509

■ 94.4271, 0.3184,
0.3614

■ 18.8729, 0.3037,
0.1456

■ 94.6946, 0.3194,
0.3613

Harmonies

Analogous

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



65.9691, 0.3014, 0.3092



65.9691, 0.3127, 0.3126



65.9691, 0.3242, 0.3201

Triad

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



65.9691, 0.3127, 0.3126



65.9691, 0.3325, 0.3470



65.9691, 0.2931, 0.3275

Complementary

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



65.9691, 0.3127, 0.3126



70.9024, 0.3127, 0.3459

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.



65.9691, 0.3012, 0.3381



65.9691, 0.3127, 0.3126



65.9691, 0.3239, 0.3495

Square

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



65.9691, 0.3127, 0.3126



65.9691, 0.3358, 0.3398



65.9691, 0.3124, 0.3462



65.9691, 0.2902, 0.3175

Rectangle

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



65.9691, 0.3127, 0.3126



65.9691, 0.3304, 0.3266



65.9691, 0.3124, 0.3462



65.9691, 0.2953, 0.3311

Sweetspot

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



65.9719, 0.3127, 0.3126



96.7211, 0.3127, 0.3241



64.4736, 0.3025, 0.3135



20.7366, 0.3127, 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.



65.9719, 0.3127, 0.3126



87.3967, 0.3127, 0.3093



65.8082, 0.3179, 0.3194



13.8840, 0.3127, 0.3058



10.9795, 0.3034, 0.1445



0.7760, 0.3063, 0.1461

Inverse Universe

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



65.4178, 0.3233, 0.3279



86.5060, 0.3256, 0.3276



71.0626, 0.3079, 0.3388



13.7161, 0.3281, 0.3274



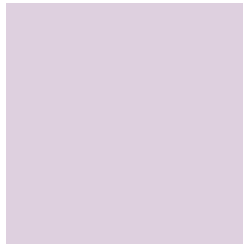
9.2518, 0.6322, 0.3256



0.6468, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 65.9691, 0.3127, 0.3126 looks on a white background.

Color Contrast Check

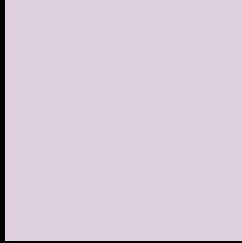
Large Text (above 18pt) WCAG AA × Fail

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 65.9691, 0.3127, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

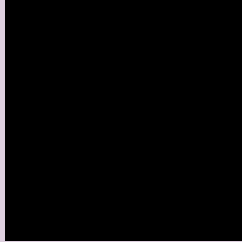
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

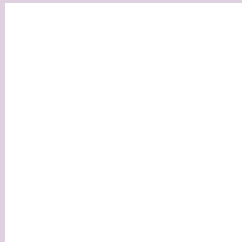
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9691, 0.3127, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 65.9691, 0.3127, 0.3126.

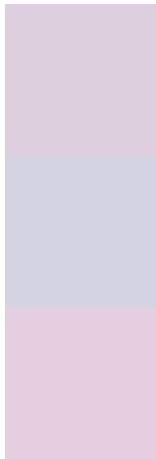


This preview shows how white text looks on a background with the Yxy color 65.9691, 0.3127, 0.3126.

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

65.9691, 0.3127, 0.3126

Protanopia

66.0218, 0.3040, 0.3134

Deuteranopia

65.9643, 0.3173, 0.3107



Tritanopia

66.0232, 0.3120, 0.3115

Trichromacy



Original Color

65.9691, 0.3127, 0.3126

Protanomaly

66.0739, 0.3076, 0.3135

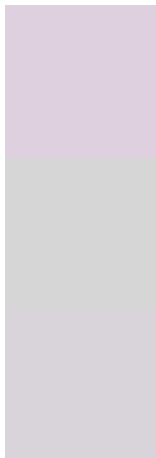
Deuteranomaly

66.1221, 0.3158, 0.3117

Tritanomaly

66.0232, 0.3120, 0.3115

Monochromacy



Original Color

65.9691, 0.3127, 0.3126

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8484, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9691, 0.3127, 0.3126 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, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 208, 223)  
}
```

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, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 65.9691, 0.3127, 0.3126 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, 208, 223) }
```

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

```
.border{ border-color:rgb(222, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9691, 0.3127, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 208, 223) }
```

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

```
.background{ background-color: rgb(222,  
208, 223) }
```

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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