

Converting Colors

$Y_{xy}(65.7578, 0.3127, 0.3136)$

Have a look what the booklet for
Yxy(65.7578, 0.3127, 0.3136)
contains.

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Color

Yxy(65.7578, 0.3127, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	DDD0DE
RGB	221, 208, 222
RGB Percent	87%, 82%, 87%
CMY	0.1332, 0.1843, 0.1293
CMYK	0.00, 0.06, 0.00, 0.13
HSL	296°, 18%, 84%
HSV	296°, 6%, 87%
XYZ	65.5691, 65.7578, 78.3600
YIQ	213.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

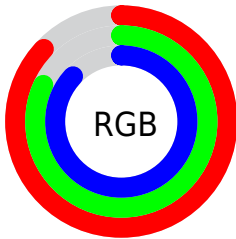
Format	Color
R _Y B	221, 208, 222
Decimal	14536926
CIE Lab	84.87, 7.00, -5.31
CIE LCh	85, 8.788, 322.821
Yxy	65.7578, 0.3127, 0.3136
Android (android.graphics.Color)	4292727006 (0xFFDDD0DE)
YUV	213.4830, 4.1989, 6.5924
Hunter-Lab	81.0912, 2.4228, -0.5292

Details

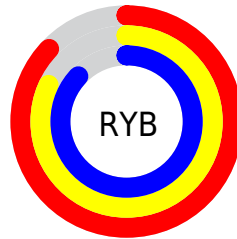
The Yxy color $65.7578, 0.3127, 0.3136$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70.3620, 0.3127, 0.3448$, and the grayscale version is $66.8544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0082, 0.3126, 0.3103$ is the 20% darker color. If you saturate the color by 10%, you get $55.4369, 0.3125, 0.2885$, and if you desaturate by 10%, it is $77.6021, 0.3127, 0.3377$.

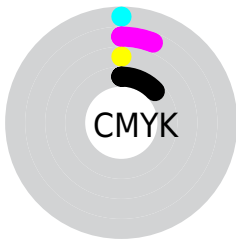
Distribution



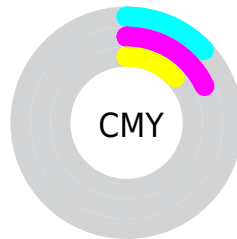
- Red (87%)
- Green (82%)
- Blue (87%)



- Red (87%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7578, 0.3127, 0.3136 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 65.7578, 0.3127, 0.3136 by changing the saturation by 10% instead.

■ 65.7578, 0.3127,
0.3136

■ 65.7578, 0.3127,
0.3136

445.5102, 0.3127,
0.3208

■ 48.0758, 0.3127,
0.3119

113.1386, 0.3127,
0.3161

■ 33.8869, 0.3126,
0.3099

143.6063, 0.3127,
0.3171

■ 22.8068, 0.3126,
0.3073

179.1046, 0.3127,
0.3179

■ 14.4509, 0.3125,
0.3038

220.0180, 0.3127,
0.3186

■ 8.4349, 0.3124,
0.2991

266.7309, 0.3127,
0.3193

■ 4.3745, 0.3122,
0.2922

319.6276, 0.3127,

■ 1.8852, 0.3117,

0.3198

0.2811

379.0926, 0.3127,
0.3203

0.5394, 0.3134,
0.2473

0.0000, 0.0000,
0.0000

65.7578, 0.3127,
0.3136

65.7578, 0.3127,
0.3136

55.4369, 0.3125,
0.2885

77.6021, 0.3127,
0.3377

46.5683, 0.3122,
0.2630

91.0202, 0.3126,
0.3605

39.0878, 0.3116,
0.2380

92.9216, 0.3134,
0.3630

32.9232, 0.3108,
0.2143

93.1759, 0.3144,
0.3629

27.9958, 0.3098,
0.1929

93.4326, 0.3154,
0.3628

24.2185, 0.3085,
0.1749

93.6916, 0.3164,
0.3627

21.4927, 0.3071,
0.1608

93.9529, 0.3174,
0.3626

19.7034, 0.3054,
0.1512

94.2165, 0.3184,
0.3625

18.7063, 0.3037,
0.1457

94.4825, 0.3193,
0.3624

Harmonies

Analogous

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



65.7578, 0.3021, 0.3104



65.7578, 0.3127, 0.3136



65.7578, 0.3235, 0.3207

Triad

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



65.7578, 0.3127, 0.3136



65.7578, 0.3313, 0.3459



65.7578, 0.2943, 0.3276

Complementary

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



65.7578, 0.3127, 0.3136



70.3620, 0.3127, 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.



65.7578, 0.3019, 0.3375



65.7578, 0.3127, 0.3136



65.7578, 0.3232, 0.3482

Square

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



65.7578, 0.3127, 0.3136



65.7578, 0.3343, 0.3392



65.7578, 0.3124, 0.3451



65.7578, 0.2916, 0.3183

Rectangle

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



65.7578, 0.3127, 0.3136



65.7578, 0.3293, 0.3268



65.7578, 0.3124, 0.3451



65.7578, 0.2964, 0.3310

Sweetspot

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



65.7606, 0.3127, 0.3136



96.7208, 0.3127, 0.3241



64.3644, 0.3031, 0.3145



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.



65.7606, 0.3127, 0.3136



87.3956, 0.3127, 0.3093



65.6085, 0.3175, 0.3200



13.8838, 0.3127, 0.3058



10.9744, 0.3033, 0.1445



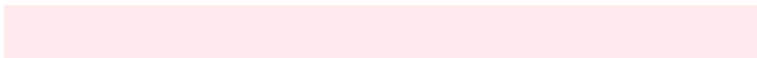
0.7757, 0.3062, 0.1460

Inverse Universe

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



65.2441, 0.3226, 0.3279



86.5064, 0.3256, 0.3276



70.5111, 0.3082, 0.3382



13.7162, 0.3281, 0.3274



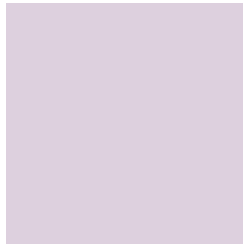
9.2519, 0.6321, 0.3256



0.6469, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 65.7578, 0.3127, 0.3136 looks on a white background.

Color Contrast Check

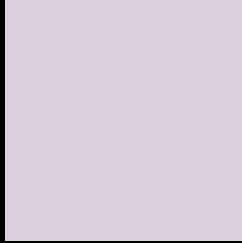
Large Text (above 18pt) WCAG AA × Fail

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 65.7578, 0.3127, 0.3136 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

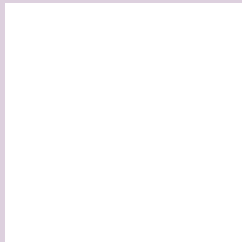
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7578, 0.3127, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 65.7578, 0.3127, 0.3136.

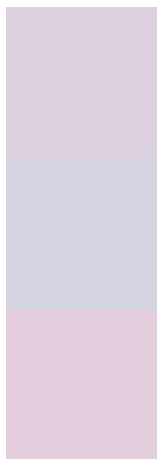


This preview shows how white text looks on a background with the Yxy color 65.7578, 0.3127, 0.3136.

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

65.7578, 0.3127, 0.3136

Protanopia

65.9674, 0.3046, 0.3145

Deuteranopia

65.9105, 0.3181, 0.3117



Tritanopia

65.8657, 0.3113, 0.3115

Trichromacy



Original Color

65.7578, 0.3127, 0.3136

Protanomaly

65.8680, 0.3075, 0.3146

Deuteranomaly

65.9071, 0.3157, 0.3127

Tritanomaly

65.8116, 0.3120, 0.3126

Monochromacy



Original Color

65.7578, 0.3127, 0.3136

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1453, 0.3130, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7578, 0.3127, 0.3136 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(221, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 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(221, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.7578, 0.3127, 0.3136 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(221, 208, 222) }
```

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

```
.border{ border-color:rgb(221, 208, 222) }
```

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

Here you see how a box with a 4 pixel rgb(221, 208, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7578, 0.3127, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 222) }
```

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

```
.background{ background-color: rgb(221,  
208, 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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