

Converting Colors

$Y_{xy}(31.7652, 0.4270, 0.3280)$

Have a look what the booklet for
Yxy(31.7652, 0.4270, 0.3280)
contains.

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Color

Yxy(31.7032, 0.4267, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	DE7D7E
RGB	222, 125, 126
RGB Percent	87%, 49%, 49%
CMY	0.1293, 0.5098, 0.5058
CMYK	0.00, 0.44, 0.43, 0.13
HSL	359°, 60%, 68%
HSV	359°, 44%, 87%
XYZ	41.2306, 31.7032, 23.6929
YIQ	154.1170, 57.4910, 20.8750

Conversions

Conversions Part 2

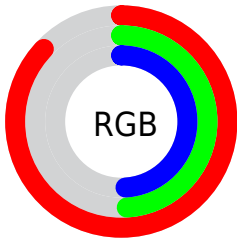
Format	Color
R _Y B	222, 125, 126
Decimal	14581118
CIE Lab	63.10, 37.56, 16.08
CIE LCh	63, 40.860, 23.172
Yxy	31.7032, 0.4267, 0.3281
Android (android.graphics.Color)	4292771198 (0xFFDE7D7E)
YUV	154.1170, -13.8617, 59.5334
Hunter-Lab	56.3056, 32.1744, 14.4653

Details

The Yxy color **31.7032, 0.4267, 0.3281** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.8346, 0.2543, 0.3302**, and the grayscale version is **32.4129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7549, 0.3799, 0.3292**, and **13.3259, 0.4657, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **26.1922, 0.4692, 0.3280**, and if you desaturate by 10%, it is **38.5982, 0.3907, 0.3283**.

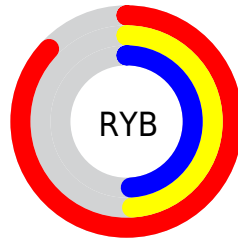
Distribution



Red (87%)

Green (49%)

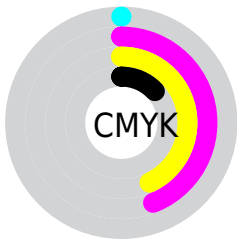
Blue (49%)



Red (87%)

Yellow (49%)

Blue (49%)

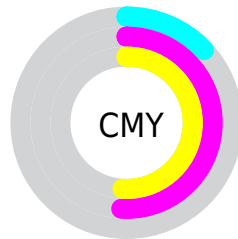


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.7032, 0.4267, 0.3281 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 31.7032, 0.4267, 0.3281 by changing the saturation by 10% instead.

 31.7032, 0.4267,
0.3281


 31.7032, 0.4267,
0.3281


309.7650, 0.3655,
0.3307


 21.1349, 0.4433,
0.3266


 62.3455, 0.4035,
0.3297

 13.2226, 0.4653,
0.3240


 83.1883, 0.3951,
0.3301

 7.5820, 0.4957,
0.3194


 108.2247, 0.3881,
0.3303

 3.8287, 0.5400,
0.3107

137.8392, 0.3821,
0.3305

 1.5782, 0.6182,
0.2964

172.4160, 0.3771,
0.3306

 0.3428, 0.7926,
0.2074

212.3397, 0.3727,


 0.0000, 1.0000,


0.3307


0.0000


257.9945, 0.3689,
0.3307


 0.0000, 0.0000,
0.0000

 31.7032, 0.4267,
0.3281


 31.7032, 0.4267,
0.3281

 26.1922, 0.4692,
0.3280


 38.5982, 0.3907,
0.3283


 21.9673, 0.5163,
0.3281


 46.9566, 0.3613,
0.3285

 18.9258, 0.5635,
0.3283

 56.8578, 0.3376,
0.3287


 16.9471, 0.6037,
0.3288

 68.3739, 0.3187,
0.3289

 15.8849, 0.6300,
0.3294

 81.5724, 0.3036,
0.3291

 15.5387, 0.6392,
0.3295

 94.2735, 0.2929,
0.3289

Harmonies

Analogous

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



31.7032, 0.3761, 0.2824



31.7032, 0.4267, 0.3281



31.7032, 0.4419, 0.3775

Triad

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



31.7032, 0.4267, 0.3281



31.7032, 0.3049, 0.4341



31.7032, 0.2123, 0.2332

Complementary

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



31.7032, 0.4267, 0.3281



61.8346, 0.2543, 0.3302

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.



31.7032, 0.1982, 0.2607



31.7032, 0.4267, 0.3281



31.7032, 0.2475, 0.3807

Square

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



31.7032, 0.4267, 0.3281



31.7032, 0.3677, 0.4471



31.7032, 0.2099, 0.3134



31.7032, 0.2509, 0.2299

Rectangle

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



31.7032, 0.4267, 0.3281



31.7032, 0.4301, 0.4085



31.7032, 0.2099, 0.3134



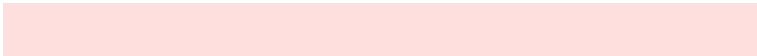
31.7032, 0.2048, 0.2395

Sweetspot

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



31.7048, 0.4267, 0.3281



78.7078, 0.3363, 0.3287



35.2189, 0.3161, 0.2220



16.1550, 0.3411, 0.3287



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.



31.7048, 0.4267, 0.3281



36.7281, 0.4633, 0.3280



46.4768, 0.4019, 0.3846



13.7029, 0.3290, 0.3288



9.2284, 0.6389, 0.3293



0.6405, 0.6353, 0.3274

Inverse Universe

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



31.7048, 0.4267, 0.3281



36.7281, 0.4633, 0.3280



40.3425, 0.2429, 0.2649



13.7029, 0.3290, 0.3288



9.2284, 0.6389, 0.3293



0.6405, 0.6353, 0.3274

Previews

White Background



This preview shows how the Yxy color 31.7032, 0.4267, 0.3281 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 31.7032, 0.4267, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

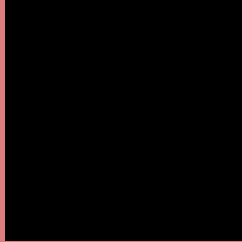
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7032, 0.4267, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 31.7032, 0.4267, 0.3281.



This preview shows how white text looks on a background with the Yxy color 31.7032, 0.4267, 0.3281.

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

31.7032, 0.4267, 0.3281

Protanopia

32.0468, 0.3312, 0.3489

Deuteranopia

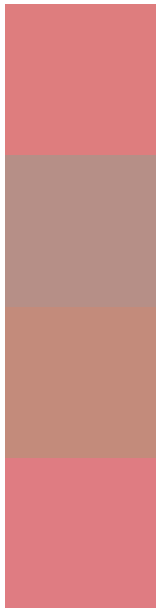
31.8563, 0.3730, 0.3652



Tritanopia

31.7967, 0.4196, 0.3186

Trichromacy



Original Color

31.7032, 0.4267, 0.3281

Protanomaly

31.3393, 0.3639, 0.3405

Deuteranomaly

31.4974, 0.3934, 0.3509

Tritanomaly

31.7150, 0.4233, 0.3222

Monochromacy



Original Color

31.7032, 0.4267, 0.3281

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2422, 0.3508, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7032, 0.4267, 0.3281 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, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 125, 126)  
}
```

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, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 125, 126) }
```

Border

The CSS property to change the border of an element to Yxy 31.7032, 0.4267, 0.3281 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, 125, 126) }
```

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

```
.border{ border-color:rgb(222, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 125,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7032, 0.4267, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 125, 126) }
```

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

```
.background{ background-color: rgb(222,  
125, 126) }
```

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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