

Converting Colors

$Y_{xy}(35.7453, 0.4332, 0.3497)$

Have a look what the booklet for
Yxy(35.7453, 0.4332, 0.3497)
contains.

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Color

Yxy(35.7414, 0.4329, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	E48978
RGB	228, 137, 120
RGB Percent	89%, 54%, 47%
CMY	0.1058, 0.4627, 0.5294
CMYK	0.00, 0.40, 0.47, 0.11
HSL	9°, 67%, 68%
HSV	9°, 47%, 89%
XYZ	44.3337, 35.7414, 22.3358
YIQ	162.2710, 59.6930, 14.0050

Conversions

Conversions Part 2

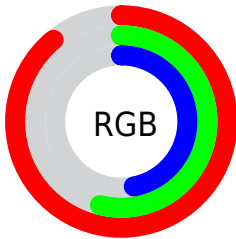
Format	Color
R_{YB}	228, 140, 120
Decimal	14977400
CIE _{Lab}	66.32, 32.93, 23.98
CIE _{LCh}	66, 40.736, 36.064
Yxy	35.7414, 0.4329, 0.3490
Android (android.graphics.Color)	4293167480 (0xFFE48978)
YUV	162.2710, -20.8396, 57.6443
Hunter-Lab	59.7841, 27.7468, 19.6977

Details

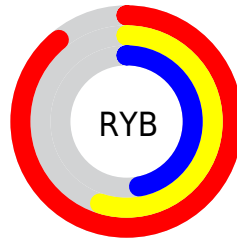
The Yxy color **35.7414, 0.4329, 0.3490** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.1968, 0.2460, 0.3069**, and the grayscale version is **36.3450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5002, 0.3821, 0.3491**, and **15.5455, 0.4708, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **30.2688, 0.4726, 0.3522**, and if you desaturate by 10%, it is **42.3222, 0.3983, 0.3449**.

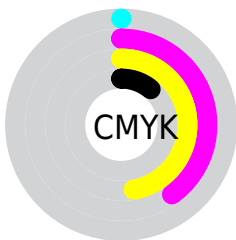
Distribution



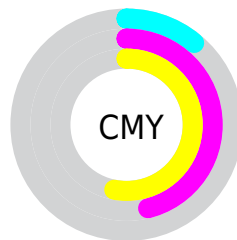
- Red (89%)
- Green (54%)
- Blue (47%)



- Red (89%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (11%)



- Cyan (11%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7414, 0.4329, 0.3490 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 35.7414, 0.4329, 0.3490 by changing the saturation by 10% instead.

 35.7414, 0.4329,
0.3490


 35.7414, 0.4329,
0.3490


327.8288, 0.3697,
0.3415

 24.2345, 0.4494,
0.3499


 68.6327, 0.4093,
0.3470

 15.5077, 0.4710,
0.3503


 90.7860, 0.4006,
0.3460

 9.1765, 0.4999,
0.3495


 117.2569, 0.3934,
0.3451

 4.8565, 0.5405,
0.3456

148.4297, 0.3872,
0.3442

 2.1633, 0.6129,
0.3412

184.6889, 0.3819,
0.3434

 0.6999, 0.7006,
0.2994

226.4189, 0.3773,


 0.0000, 1.0000,

0.3427


0.0000

274.0041, 0.3732,
0.3421


 0.0000, 0.0000,
0.0000


 35.7414, 0.4329,
0.3490


 35.7414, 0.4329,
0.3490


 30.2688, 0.4726,
0.3522

 42.3222, 0.3983,
0.3449


 25.8379, 0.5156,
0.3537


 50.0621, 0.3691,
0.3405


 22.3833, 0.5582,
0.3527


 59.0155, 0.3449,
0.3361


 19.8297, 0.5951,
0.3487


 69.2316, 0.3250,
0.3319

 18.0894, 0.6211,
0.3423

 80.7571, 0.3087,
0.3280

 17.7488, 0.6264,
0.3408

 93.5181, 0.2964,
0.3262

 95.2355, 0.2964,
0.3290

Harmonies

Analogous

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



35.7414, 0.3975, 0.3024



35.7414, 0.4329, 0.3490



35.7414, 0.4312, 0.3958

Triad

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



35.7414, 0.4329, 0.3490



35.7414, 0.2802, 0.4111



35.7414, 0.2293, 0.2327

Complementary

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



35.7414, 0.4329, 0.3490



56.1968, 0.2460, 0.3069

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.



35.7414, 0.2052, 0.2491



35.7414, 0.4329, 0.3490



35.7414, 0.2317, 0.3507

Square

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



35.7414, 0.4329, 0.3490



35.7414, 0.3404, 0.4418



35.7414, 0.2058, 0.2899



35.7414, 0.2758, 0.2385

Rectangle

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



35.7414, 0.4329, 0.3490



35.7414, 0.4108, 0.4221



35.7414, 0.2058, 0.2899



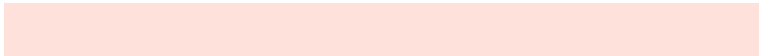
35.7414, 0.2186, 0.2355

Sweetspot

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



35.7432, 0.4329, 0.3490



80.1946, 0.3379, 0.3347



34.6759, 0.3340, 0.2290



16.5747, 0.3425, 0.3356



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.



35.7432, 0.4329, 0.3490



39.0194, 0.4725, 0.3522



54.7704, 0.4015, 0.4083



14.7321, 0.3289, 0.3328



10.3582, 0.6244, 0.3424



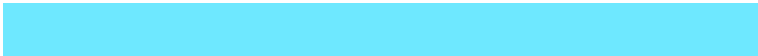
0.8779, 0.5993, 0.3623

Inverse Universe

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



56.1968, 0.2460, 0.3069



68.3046, 0.2353, 0.3014



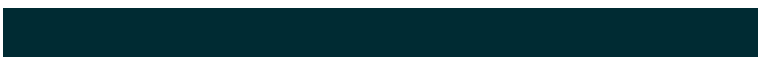
33.9860, 0.2323, 0.2326



15.9300, 0.2981, 0.3252



25.1835, 0.2107, 0.2783



1.9652, 0.2129, 0.2865

Previews

White Background



This preview shows how the Yxy color 35.7414, 0.4329, 0.3490 looks on a white background.

Color Contrast Check

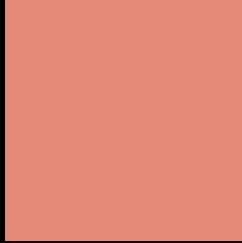
Large Text (above 18pt) WCAG AA × Fail

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 35.7414, 0.4329, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

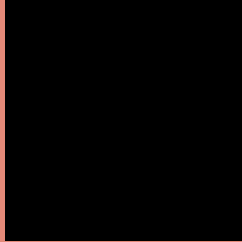
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7414, 0.4329, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 35.7414, 0.4329, 0.3490.



This preview shows how white text looks on a background with the Yxy color 35.7414, 0.4329, 0.3490.

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

35.7414, 0.4329, 0.3490

Protanopia

35.7864, 0.3503, 0.3727

Deuteranopia

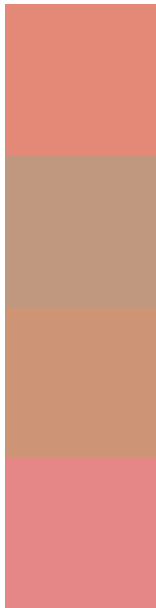
35.9335, 0.3883, 0.3805



Tritanopia

35.8564, 0.4101, 0.3189

Trichromacy



Original Color

35.7414, 0.4329, 0.3490

Protanomaly

35.1952, 0.3796, 0.3631

Deuteranomaly

35.4670, 0.4048, 0.3678

Tritanomaly

35.7352, 0.4179, 0.3293

Monochromacy



Original Color

35.7414, 0.4329, 0.3490

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3282, 0.3525, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7414, 0.4329, 0.3490 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(228, 137, 120)` looks like.

```
.text, #text, p{  
    color:rgb(228, 137, 120)  
}
```

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(228, 137, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 137, 120) }
```

Border

The CSS property to change the border of an element to Yxy 35.7414, 0.4329, 0.3490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

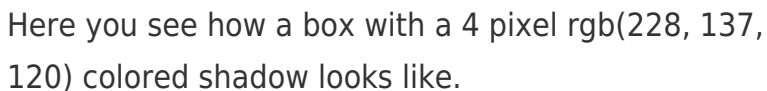
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 137, 120) }
```

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

```
.border{ border-color:rgb(228, 137, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 137, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 137, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 137, 120);  
box-shadow:4px 4px 4px 4px rgb(228, 137,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7414, 0.4329, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 137, 120) }
```

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

```
.background{ background-color: rgb(228,  
137, 120) }
```

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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