

Converting Colors

Yxy(36.1575, 0.4193, 0.3346)

Have a look what the booklet for
Yxy(36.1575, 0.4193, 0.3346)
contains.

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Color

Yxy(36.2153, 0.4203, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	E58984
RGB	229, 137, 132
RGB Percent	90%, 54%, 52%
CMY	0.1020, 0.4627, 0.4823
CMYK	0.00, 0.40, 0.42, 0.10
HSL	3°, 65%, 71%
HSV	3°, 42%, 90%
XYZ	45.4231, 36.2153, 26.4347
YIQ	163.9380, 56.4370, 17.9490

Conversions

Conversions Part 2

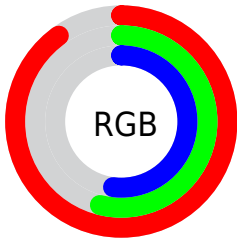
Format	Color
R _Y B	229, 137, 132
Decimal	15042948
CIE Lab	66.68, 34.52, 17.79
CIE LCh	67, 38.834, 27.267
Yxy	36.2153, 0.4203, 0.3351
Android (android.graphics.Color)	4293233028 (0xFFE58984)
YUV	163.9380, -15.7454, 57.0594
Hunter-Lab	60.1791, 29.4180, 16.0813

Details

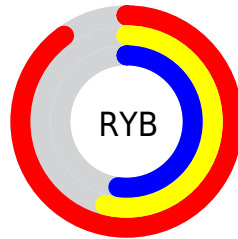
The Yxy color **36.2153, 0.4203, 0.3351** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8804, 0.2541, 0.3226**, and the grayscale version is **37.1515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0244, 0.3711, 0.3354**, and **15.7795, 0.4551, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **30.0904, 0.4610, 0.3363**, and if you desaturate by 10%, it is **43.7246, 0.3859, 0.3337**.

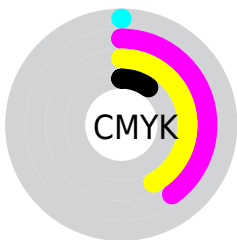
Distribution



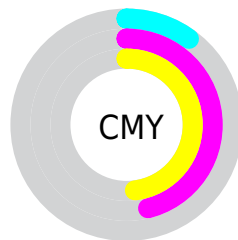
- Red (90%)
- Green (54%)
- Blue (52%)



- Red (90%)
- Yellow (54%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2153, 0.4203, 0.3351 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 36.2153, 0.4203, 0.3351 by changing the saturation by 10% instead.


 36.2153, 0.4203,
0.3351


 36.2153, 0.4203,
0.3351


329.9006, 0.3637,
0.3340

 24.6005, 0.4352,
0.3346


 69.3642, 0.3991,
0.3352

 15.7797, 0.4547,
0.3336


 91.6672, 0.3914,
0.3351

 9.3684, 0.4813,
0.3312


 118.3017, 0.3849,
0.3349

 4.9822, 0.5191,
0.3261

149.6521, 0.3793,
0.3348

 2.2368, 0.5773,
0.3147

186.1028, 0.3746,
0.3346

 0.7400, 0.7041,
0.2959

228.0381, 0.3705,

 0.0000, 1.0000,

0.3344

0.0000

275.8426, 0.3669,
0.3342

0.0000, 0.0000,
0.0000

36.2153, 0.4203,
0.3351

36.2153, 0.4203,
0.3351

30.0904, 0.4610,
0.3363

43.7246, 0.3859,
0.3337

25.2603, 0.5065,
0.3370

52.6899, 0.3577,
0.3321

21.6335, 0.5532,
0.3369


63.1843, 0.3348,
0.3307

19.1042, 0.5948,
0.3357

75.2746, 0.3165,
0.3293

17.5483, 0.6244,
0.3336

89.0235, 0.3017,
0.3281

 16.9141, 0.6372,
0.3322

 95.3967, 0.2970,
0.3290

Harmonies

Analogous

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



36.2153, 0.3781, 0.2917



36.2153, 0.4203, 0.3351



36.2153, 0.4296, 0.3806

Triad

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



36.2153, 0.4203, 0.3351



36.2153, 0.2984, 0.4189



36.2153, 0.2240, 0.2394

Complementary

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



36.2153, 0.4203, 0.3351



63.8804, 0.2541, 0.3226

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.



36.2153, 0.2077, 0.2622



36.2153, 0.4203, 0.3351



36.2153, 0.2473, 0.3677

Square

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



36.2153, 0.4203, 0.3351



36.2153, 0.3561, 0.4369



36.2153, 0.2155, 0.3077



36.2153, 0.2627, 0.2388

Rectangle

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



36.2153, 0.4203, 0.3351



36.2153, 0.4163, 0.4079



36.2153, 0.2155, 0.3077



36.2153, 0.2160, 0.2444

Sweetspot

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



36.2171, 0.4203, 0.3351



79.5976, 0.3364, 0.3308



38.5557, 0.3220, 0.2298



16.3706, 0.3411, 0.3311



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.



36.2171, 0.4203, 0.3351



39.1427, 0.4564, 0.3362



53.1709, 0.3954, 0.3900



14.4861, 0.3291, 0.3303



9.7234, 0.6362, 0.3330



0.7607, 0.6256, 0.3415

Inverse Universe

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



63.8804, 0.2541, 0.3226



78.9059, 0.2448, 0.3211



41.4819, 0.2435, 0.2582



16.2027, 0.2982, 0.3277



31.7321, 0.2203, 0.3129



2.3841, 0.2210, 0.3154

Previews

White Background



This preview shows how the Yxy color 36.2153, 0.4203, 0.3351 looks on a white background.

Color Contrast Check

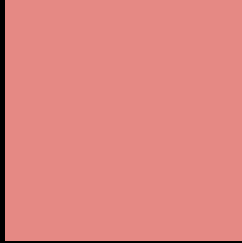
Large Text (above 18pt) WCAG AA × Fail

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 36.2153, 0.4203, 0.3351 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 36.2153, 0.4203, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 36.2153, 0.4203, 0.3351.



This preview shows how white text looks on a background with the Yxy color 36.2153, 0.4203, 0.3351.

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

36.2153, 0.4203, 0.3351

Protanopia

36.4003, 0.3368, 0.3550

Deuteranopia

36.3091, 0.3738, 0.3660



Tritanopia

36.1953, 0.4073, 0.3177

Trichromacy



Original Color

36.2153, 0.4203, 0.3351

Protanomaly

35.7523, 0.3648, 0.3468

Deuteranomaly

35.9440, 0.3906, 0.3538

Tritanomaly

36.3248, 0.4127, 0.3247

Monochromacy



Original Color

36.2153, 0.4203, 0.3351

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0696, 0.3492, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2153, 0.4203, 0.3351 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(229, 137, 132)` looks like.

```
.text, #text, p{  
    color:rgb(229, 137, 132)  
}
```

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(229, 137, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 137, 132) }
```

Border

The CSS property to change the border of an element to Yxy 36.2153, 0.4203, 0.3351 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(229, 137, 132) }
```

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

```
.border{ border-color:rgb(229, 137, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 137, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 137, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 137, 132); box-shadow:4px 4px 4px 4px rgb(229, 137, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2153, 0.4203, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 137, 132) }
```

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

```
.background{ background-color: rgb(229,  
137, 132) }
```

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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