

Converting Colors

$Y_{xy}(40.6520, 0.4107, 0.3479)$

Have a look what the booklet for
Yxy(40.6520, 0.4107, 0.3479)
contains.

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Color

Yxy(40.7055, 0.4108, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	E69787
RGB	230, 151, 135
RGB Percent	90%, 59%, 53%
CMY	0.0980, 0.4079, 0.4705
CMYK	0.00, 0.34, 0.41, 0.10
HSL	10°, 66%, 72%
HSV	10°, 41%, 90%
XYZ	48.0788, 40.7055, 28.2528
YIQ	172.7970, 52.2200, 11.7720

Conversions

Conversions Part 2

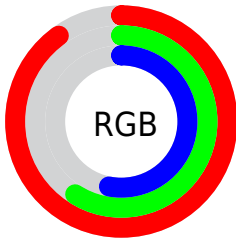
Format	Color
R _Y B	230, 154, 135
Decimal	15112071
CIE Lab	69.97, 27.83, 20.66
CIE LCh	70, 34.662, 36.583
Yxy	40.7055, 0.4108, 0.3478
Android (android.graphics.Color)	4293302151 (0xFFE69787)
YUV	172.7970, -18.6339, 50.1670
Hunter-Lab	63.8009, 22.8619, 18.4054

Details

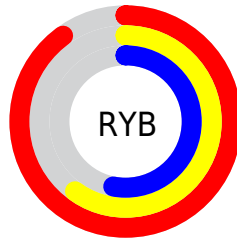
The Yxy color **40.7055, 0.4108, 0.3478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9849, 0.2530, 0.3088**, and the grayscale version is **41.7590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0335, 0.3647, 0.3478**, and **18.3502, 0.4413, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **34.4610, 0.4472, 0.3519**, and if you desaturate by 10%, it is **48.0936, 0.3797, 0.3432**.

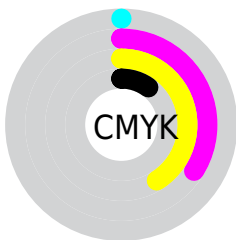
Distribution



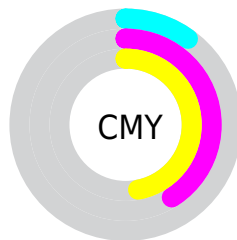
- Red (90%)
- Green (59%)
- Blue (53%)



- Red (90%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (10%)





- Cyan (10%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7055, 0.4108, 0.3478 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 40.7055, 0.4108, 0.3478 by changing the saturation by 10% instead.


 40.7055, 0.4108,
0.3478


 40.7055, 0.4108,
0.3478


349.0883, 0.3602,
0.3401


 28.0890, 0.4238,
0.3491


 76.2366, 0.3921,
0.3455

 18.3928, 0.4406,
0.3503


 99.9201, 0.3852,
0.3444

 11.2324, 0.4632,
0.3512


 128.0613, 0.3793,
0.3435

 6.2233, 0.4947,
0.3509

161.0448, 0.3744,
0.3427

 2.9814, 0.5411,
0.3469

199.2548, 0.3701,
0.3420

 1.1220, 0.6492,
0.3508

243.0758, 0.3664,

 0.0000, 1.0000,

0.3413

0.0000

292.8921, 0.3631,
0.3407

0.0000, 0.0000,
0.0000

40.7055, 0.4108,
0.3478

40.7055, 0.4108,
0.3478

34.4610, 0.4472,
0.3519

48.0936, 0.3797,
0.3432

29.2967, 0.4881,
0.3547

56.6724, 0.3537,
0.3384

25.1524, 0.5311,
0.3554

66.4937, 0.3323,
0.3338

21.9593, 0.5719,
0.3532

77.6045, 0.3148,
0.3295

19.6397, 0.6050,
0.3480

90.0493, 0.3003,
0.3256

 18.2557, 0.6249,
0.3420

 95.5662, 0.2976,
0.3290

Harmonies

Analogous

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



40.7055, 0.3824, 0.3082



40.7055, 0.4108, 0.3478



40.7055, 0.4098, 0.3864

Triad

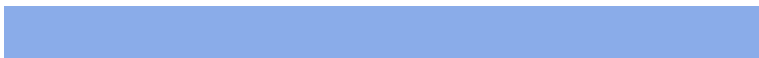
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.7055, 0.4108, 0.3478



40.7055, 0.2860, 0.3939



40.7055, 0.2442, 0.2488

Complementary

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



40.7055, 0.4108, 0.3478



58.9849, 0.2530, 0.3088

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.



40.7055, 0.2233, 0.2632



40.7055, 0.4108, 0.3478



40.7055, 0.2456, 0.3462

Square

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



40.7055, 0.4108, 0.3478



40.7055, 0.3357, 0.4195



40.7055, 0.2236, 0.2974



40.7055, 0.2837, 0.2536

Rectangle

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



40.7055, 0.4108, 0.3478



40.7055, 0.3934, 0.4070



40.7055, 0.2236, 0.2974



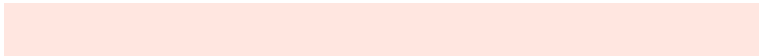
40.7055, 0.2350, 0.2514

Sweetspot

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



40.7075, 0.4108, 0.3478



83.0040, 0.3338, 0.3342



39.0253, 0.3322, 0.2425



17.4012, 0.3365, 0.3348



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.



40.7075, 0.4108, 0.3478



44.2798, 0.4433, 0.3515



59.1264, 0.3878, 0.4002



14.7575, 0.3288, 0.3330



10.4533, 0.6228, 0.3437



0.8899, 0.5969, 0.3643

Inverse Universe

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



58.9849, 0.2530, 0.3088



70.3685, 0.2424, 0.3036



38.3906, 0.2428, 0.2450



15.9022, 0.2981, 0.3250



24.5685, 0.2096, 0.2746



1.9253, 0.2121, 0.2834

Previews

White Background



This preview shows how the Yxy color 40.7055, 0.4108, 0.3478 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 40.7055, 0.4108, 0.3478 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 40.7055, 0.4108, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 40.7055, 0.4108, 0.3478.



This preview shows how white text looks on a background with the Yxy color 40.7055, 0.4108, 0.3478.

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

40.7055, 0.4108, 0.3478

Protanopia

40.9939, 0.3446, 0.3648

Deuteranopia

40.6619, 0.3778, 0.3693



Tritanopia

40.8388, 0.3886, 0.3166

Trichromacy



Original Color

40.7055, 0.4108, 0.3478

Protanomaly

40.6161, 0.3681, 0.3591

Deuteranomaly

40.5146, 0.3900, 0.3604

Tritanomaly

40.6858, 0.3968, 0.3281

Monochromacy



Original Color

40.7055, 0.4108, 0.3478

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8828, 0.3459, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7055, 0.4108, 0.3478 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(230, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(230, 151, 135)  
}
```

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(230, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 151, 135) }
```

Border

The CSS property to change the border of an element to Yxy 40.7055, 0.4108, 0.3478 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(230, 151, 135) }
```

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

```
.border{ border-color:rgb(230, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 151, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 151, 135);  
box-shadow:4px 4px 4px 4px rgb(230, 151,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7055, 0.4108, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 151, 135) }
```

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

```
.background{ background-color: rgb(230,  
151, 135) }
```

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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