

Converting Colors

Yxy(52.1582, 0.4028, 0.3710)

Have a look what the booklet for
Yxy(52.1582, 0.4028, 0.3710)
contains.

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Color

Yxy(52.2595, 0.4020, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	F0B28C
RGB	240, 178, 140
RGB Percent	94%, 70%, 55%
CMY	0.0589, 0.3019, 0.4511
CMYK	0.00, 0.26, 0.42, 0.06
HSL	23°, 77%, 74%
HSV	23°, 42%, 94%
XYZ	56.5804, 52.2595, 31.9074
YIQ	192.2060, 49.1500, 1.3260

Conversions

Conversions Part 2

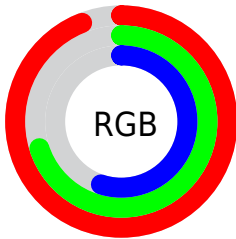
Format	Color
R _Y B	240, 201, 140
Decimal	15774348
CIE Lab	77.44, 17.87, 28.25
CIE LCh	77, 33.429, 57.687
Yxy	52.2595, 0.4020, 0.3713
Android (android.graphics.Color)	4293964428 (0xFFFF0B28C)
YUV	192.2060, -25.7376, 41.9153
Hunter-Lab	72.2907, 13.1994, 24.4343

Details

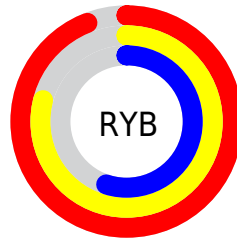
The Yxy color **52.2595, 0.4020, 0.3713** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0709, 0.2481, 0.2815**, and the grayscale version is **52.9705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0007, 0.3535, 0.3694**, and **25.3336, 0.4268, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **46.0295, 0.4318, 0.3808**, and if you desaturate by 10%, it is **59.2901, 0.3754, 0.3609**.

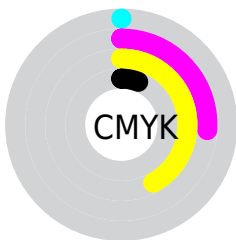
Distribution



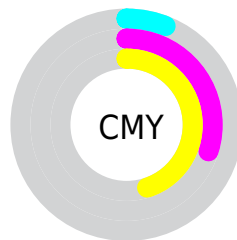
- Red (94%)
- Green (70%)
- Blue (55%)



- Red (94%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2595, 0.4020, 0.3713 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 52.2595, 0.4020, 0.3713 by changing the saturation by 10% instead.


 52.2595, 0.4020,
0.3713


 52.2595, 0.4020,
0.3713

395.4376, 0.3580,
0.3523


 37.2120, 0.4126,
0.3753


 93.5138, 0.3863,
0.3649

 25.3716, 0.4259,
0.3801


 120.4894, 0.3803,
0.3624

 16.3542, 0.4431,
0.3856


 152.2098, 0.3752,
0.3601

 9.7751, 0.4660,
0.3918

189.0594, 0.3708,
0.3582

 5.2501, 0.4973,
0.3980

231.4226, 0.3670,
0.3564

 2.3947, 0.5618,
0.4162

279.6837, 0.3636,

 0.8232, 0.6082,

0.3549

0.3918

334.2273, 0.3607,
0.3535

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2595, 0.4020,
0.3713

52.2595, 0.4020,
0.3713

46.0295, 0.4318,
0.3808

59.2901, 0.3754,
0.3609

40.5622, 0.4643,
0.3883

67.1425, 0.3523,
0.3504

35.8272, 0.4978,
0.3927

75.8462, 0.3323,
0.3402

31.7889, 0.5301,
0.3926

85.4271, 0.3153,
0.3305

■ 28.4076, 0.5585,
0.3872

■ 95.5859, 0.3036,
0.3264

■ 26.0530, 0.5779,
0.3793

■ 97.2601, 0.3035,
0.3290

Harmonies

Analogous

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



52.2595, 0.3947, 0.3357



52.2595, 0.4020, 0.3713



52.2595, 0.3837, 0.3996

Triad

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



52.2595, 0.4020, 0.3713



52.2595, 0.2623, 0.3578



52.2595, 0.2751, 0.2583

Complementary

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



52.2595, 0.4020, 0.3713



54.0709, 0.2481, 0.2815

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.



52.2595, 0.2439, 0.2593



52.2595, 0.4020, 0.3713



52.2595, 0.2369, 0.3134

Square

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



52.2595, 0.4020, 0.3713



52.2595, 0.3021, 0.3954



52.2595, 0.2306, 0.2780



52.2595, 0.3185, 0.2734

Rectangle

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



52.2595, 0.4020, 0.3713



52.2595, 0.3604, 0.4094



52.2595, 0.2306, 0.2780



52.2595, 0.2630, 0.2567

Sweetspot

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



52.2620, 0.4020, 0.3713



85.6349, 0.3349, 0.3416



41.5967, 0.3519, 0.2608



17.8440, 0.3391, 0.3438



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.



52.2620, 0.4020, 0.3713



53.8588, 0.4272, 0.3795



75.1534, 0.3802, 0.4201



16.7445, 0.3284, 0.3380



14.5026, 0.5750, 0.3816



1.3927, 0.5504, 0.4011

Inverse Universe

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



54.0709, 0.2481, 0.2815



56.1508, 0.2358, 0.2699



34.7478, 0.2376, 0.2174



16.8599, 0.2980, 0.3198



15.4222, 0.1887, 0.1994



1.4743, 0.1940, 0.2183

Previews

White Background



This preview shows how the Yxy color 52.2595, 0.4020, 0.3713 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 52.2595, 0.4020, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

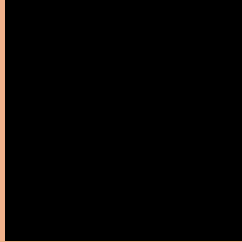
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2595, 0.4020, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 52.2595, 0.4020, 0.3713.



This preview shows how white text looks on a background with the Yxy color 52.2595, 0.4020, 0.3713.

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

52.2595, 0.4020, 0.3713

Protanopia

52.3161, 0.3602, 0.3846

Deuteranopia

52.4760, 0.3884, 0.3811



Tritanopia

52.2409, 0.3667, 0.3150

Trichromacy



Original Color

52.2595, 0.4020, 0.3713

Protanomaly

52.0369, 0.3753, 0.3791

Deuteranomaly

52.4758, 0.3938, 0.3780

Tritanomaly

52.1914, 0.3800, 0.3347

Monochromacy



Original Color

52.2595, 0.4020, 0.3713

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1131, 0.3427, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2595, 0.4020, 0.3713 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(240, 178, 140)` looks like.

```
.text, #text, p{  
    color:rgb(240, 178, 140)  
}
```

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(240, 178, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 178, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.2595, 0.4020, 0.3713 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(240, 178, 140) }
```

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

```
.border{ border-color:rgb(240, 178, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 178, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 178, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 178, 140);  
box-shadow:4px 4px 4px 4px rgb(240, 178,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2595, 0.4020, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 178, 140) }
```

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

```
.background{ background-color: rgb(240,  
178, 140) }
```

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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