

Converting Colors

$Yxy(55.1089, 0.3779, 0.3491)$

Have a look what the booklet for
Yxy(55.1089, 0.3779, 0.3491)
contains.

Yxy(55.1089, 0.3779, 0.3491)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.1089, 0.3779, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	F0B7A5
RGB	240, 183, 165
RGB Percent	94%, 72%, 65%
CMY	0.0589, 0.2823, 0.3529
CMYK	0.00, 0.24, 0.31, 0.06
HSL	14°, 71%, 79%
HSV	14°, 31%, 94%
XYZ	59.6553, 55.1089, 43.0958
YIQ	197.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

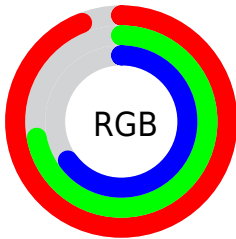
Format	Color
RYB	240, 189, 165
Decimal	15775653
CIELab	79.10, 18.16, 17.13
CIELCh	79, 24.967, 43.320
Yxy	55.1089, 0.3779, 0.3491
Android (android.graphics.Color)	4293965733 (0xFFFF0B7A5)
YUV	197.9910, -16.2646, 36.8419
Hunter-Lab	74.2354, 13.5300, 17.5452

Details

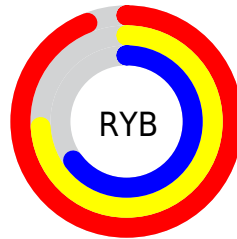
The Yxy color **55.1089, 0.3779, 0.3491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5201, 0.2654, 0.3078**, and the grayscale version is **56.5501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1603, 0.3355, 0.3479**, and **27.2248, 0.3961, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **47.2758, 0.4075, 0.3557**, and if you desaturate by 10%, it is **64.0857, 0.3529, 0.3424**.

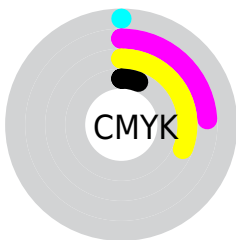
Distribution



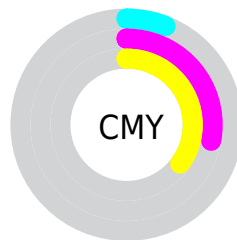
- Red (94%)
- Green (72%)
- Blue (65%)



- Red (94%)
- Yellow (74%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (6%)




- Cyan (6%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1089, 0.3779, 0.3491 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 55.1089, 0.3779, 0.3491 by changing the saturation by 10% instead.


 55.1089, 0.3779,
0.3491

 55.1089, 0.3779,
0.3491


406.3246, 0.3459,
0.3402

 39.4889, 0.3857,
0.3510


 97.7005, 0.3664,
0.3461

 27.1403, 0.3955,
0.3532


 125.4409, 0.3621,
0.3449

 17.6786, 0.4083,
0.3559


157.9902, 0.3584,
0.3439

 10.7195, 0.4257,
0.3590

195.7329, 0.3552,
0.3430

 5.8785, 0.4504,
0.3625

239.0532, 0.3524,
0.3421

 2.7714, 0.4880,
0.3654

288.3357, 0.3500,

 1.0136, 0.6022,

0.3414

0.3978

343.9647, 0.3478,
0.3408

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1089, 0.3779,
0.3491

55.1089, 0.3779,
0.3491

47.2758, 0.4075,
0.3557

64.0857, 0.3529,
0.3424

40.5323, 0.4417,
0.3616

74.2421, 0.3320,
0.3359

34.8313, 0.4798,
0.3660

85.6220, 0.3147,
0.3297

30.1193, 0.5199,
0.3677

97.2613, 0.3035,
0.3290

■ 26.3376, 0.5585,
0.3658

■ 23.4206, 0.5911,
0.3597

■ 21.5100, 0.6124,
0.3520

Harmonies

Analogous

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



55.1089, 0.3635, 0.3218



55.1089, 0.3779, 0.3491



55.1089, 0.3736, 0.3732

Triad

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



55.1089, 0.3779, 0.3491



55.1089, 0.2890, 0.3642



55.1089, 0.2723, 0.2748

Complementary

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



55.1089, 0.3779, 0.3491



66.5201, 0.2654, 0.3078

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.



55.1089, 0.2547, 0.2825



55.1089, 0.3779, 0.3491



55.1089, 0.2639, 0.3335

Square

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



55.1089, 0.3779, 0.3491



55.1089, 0.3214, 0.3843



55.1089, 0.2517, 0.3033



55.1089, 0.3013, 0.2804

Rectangle

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



55.1089, 0.3779, 0.3491



55.1089, 0.3611, 0.3840



55.1089, 0.2517, 0.3033



55.1089, 0.2650, 0.2758

Sweetspot

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



55.1115, 0.3779, 0.3491



87.9829, 0.3279, 0.3345



50.7362, 0.3309, 0.2680



18.4395, 0.3306, 0.3354



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.



55.1115, 0.3779, 0.3491



57.8147, 0.3947, 0.3530



72.4178, 0.3659, 0.3879



16.3751, 0.3287, 0.3347



11.9491, 0.6097, 0.3541



1.1437, 0.5844, 0.3741

Inverse Universe

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



66.5201, 0.2654, 0.3078



72.6672, 0.2571, 0.3032



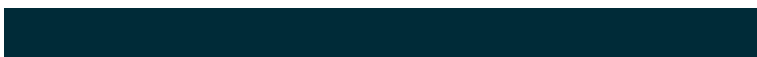
48.9900, 0.2600, 0.2621



17.2482, 0.2981, 0.3232



22.0573, 0.2026, 0.2495



1.9873, 0.2059, 0.2612

Previews

White Background



This preview shows how the Yxy color 55.1089, 0.3779, 0.3491 looks on a white background.

Color Contrast Check

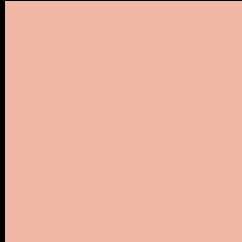
Large Text (above 18pt) WCAG AA × Fail

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 55.1089, 0.3779, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

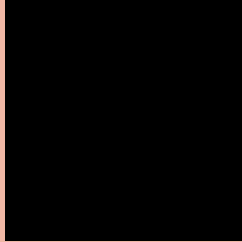
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1089, 0.3779, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 55.1089, 0.3779, 0.3491.



This preview shows how white text looks on a background with the Yxy color 55.1089, 0.3779, 0.3491.

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

55.1089, 0.3779, 0.3491

Protanopia

55.3993, 0.3391, 0.3594

Deuteranopia

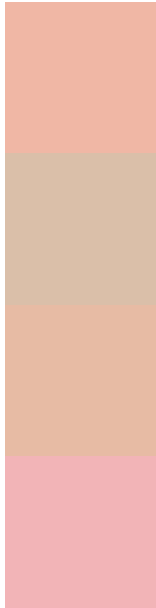
55.2443, 0.3646, 0.3580



Tritanopia

55.1451, 0.3570, 0.3140

Trichromacy



Original Color

55.1089, 0.3779, 0.3491

Protanomaly

55.0316, 0.3529, 0.3550

Deuteranomaly

55.2099, 0.3696, 0.3553

Tritanomaly

54.9387, 0.3647, 0.3259

Monochromacy



Original Color

55.1089, 0.3779, 0.3491

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8312, 0.3345, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1089, 0.3779, 0.3491 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, 183, 165)` looks like.

```
.text, #text, p{  
    color:rgb(240, 183, 165)  
}
```

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, 183, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 183, 165) }
```

Border

The CSS property to change the border of an element to Yxy 55.1089, 0.3779, 0.3491 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, 183, 165) }
```

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

```
.border{ border-color:rgb(240, 183, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 183, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 183, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 183, 165);  
box-shadow:4px 4px 4px 4px rgb(240, 183,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1089, 0.3779, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 183, 165) }
```

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

```
.background{ background-color: rgb(240,  
183, 165) }
```

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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