

Converting Colors

$Y_{xy}(79.5532, 0.3526, 0.3616)$

Have a look what the booklet for
Yxy(79.5532, 0.3526, 0.3616)
contains.

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Color

Yxy(79.5737, 0.3522, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	FCE3C3
RGB	252, 227, 195
RGB Percent	99%, 89%, 76%
CMY	0.0118, 0.1098, 0.2353
CMYK	0.00, 0.10, 0.23, 0.01
HSL	34°, 90%, 88%
HSV	34°, 23%, 99%
XYZ	77.4623, 79.5737, 62.9024
YIQ	230.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

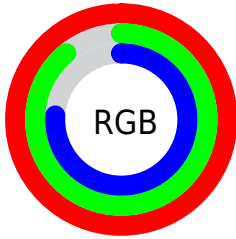
Format	Color
R_{YB}	240, 252, 195
Decimal	16573379
CIE _{Lab}	91.49, 3.71, 18.76
CIE _{LCh}	91, 19.125, 78.824
Yxy	79.5737, 0.3522, 0.3618
Android (android.graphics.Color)	4294763459 (0xFFFC3C3)
YUV	230.8270, -17.6627, 18.5687
Hunter-Lab	89.2041, -1.1028, 20.6344

Details

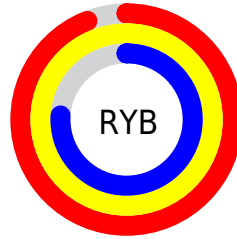
The Yxy color **79.5737, 0.3522, 0.3618** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.8065, 0.2764, 0.2938**, and the grayscale version is **79.8970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **43.0302, 0.3614, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **72.6813, 0.3731, 0.3770**, and if you desaturate by 10%, it is **87.0534, 0.3334, 0.3469**.

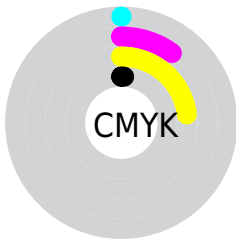
Distribution



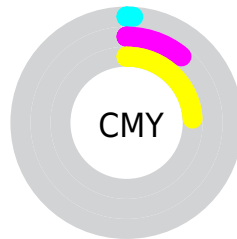
- Red (99%)
- Green (89%)
- Blue (76%)



- Red (94%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5737, 0.3522, 0.3618 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 79.5737, 0.3522, 0.3618 by changing the saturation by 10% instead.


 79.5737, 0.3522,
0.3618

 79.5737, 0.3522,
0.3618


493.4950, 0.3342,
0.3470

 59.3676, 0.3562,
0.3651

132.7662, 0.3460,
0.3568

 42.9091, 0.3612,
0.3690


166.5214, 0.3436,
0.3548

 29.8138, 0.3674,
0.3740


205.5618, 0.3415,
0.3531

 19.6973, 0.3754,
0.3803

250.2717, 0.3396,
0.3516

 12.1752, 0.3861,
0.3885

301.0356, 0.3380,
0.3502

 6.8631, 0.4009,
0.3997

358.2379, 0.3366,

 3.3766, 0.4227,

0.3490

0.4155

422.2629, 0.3353,
0.3480

1.3314, 0.4969,
0.4767

0.1653, 0.5997,
0.4003

79.5737, 0.3522,
0.3618

79.5737, 0.3522,
0.3618

72.6813, 0.3731,
0.3770

87.0534, 0.3334,
0.3469

66.3486, 0.3960,
0.3919

95.1255, 0.3167,
0.3326

60.5612, 0.4204,
0.4057

99.4346, 0.3109,
0.3290

55.2999, 0.4456,
0.4172

■ 50.5438, 0.4703,
0.4251

■ 46.2700, 0.4932,
0.4282

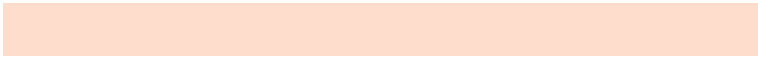
■ 42.4516, 0.5129,
0.4260

■ 39.9008, 0.5252,
0.4212

Harmonies

Analogous

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



79.5737, 0.3571, 0.3467



79.5737, 0.3522, 0.3618



79.5737, 0.3365, 0.3686

Triad

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



79.5737, 0.3522, 0.3618



79.5737, 0.2770, 0.3284



79.5737, 0.3093, 0.2969

Complementary

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



79.5737, 0.3522, 0.3618



69.8065, 0.2764, 0.2938

Split Complementary

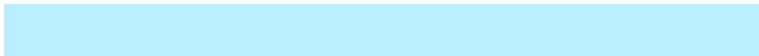
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5737, 0.2884, 0.2916



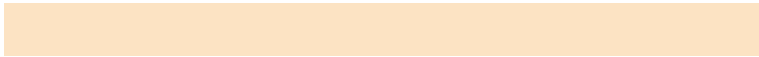
79.5737, 0.3522, 0.3618



79.5737, 0.2703, 0.3088

Square

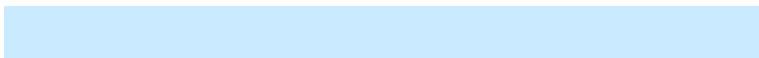
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5737, 0.3522, 0.3618



79.5737, 0.2931, 0.3491



79.5737, 0.2743, 0.2957



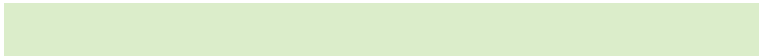
79.5737, 0.3319, 0.3100

Rectangle

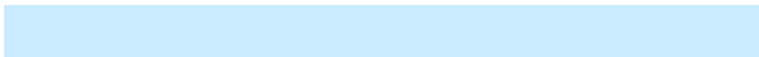
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5737, 0.3522, 0.3618



79.5737, 0.3224, 0.3669



79.5737, 0.2743, 0.2957



79.5737, 0.3019, 0.2942

Sweetspot

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



79.5773, 0.3522, 0.3618



94.0119, 0.3238, 0.3388



64.9242, 0.3388, 0.3028



20.0150, 0.3248, 0.3396



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

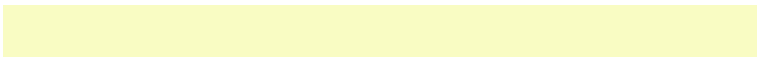
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5773, 0.3522, 0.3618



78.5639, 0.3611, 0.3685



93.7243, 0.3450, 0.3860



18.8427, 0.3280, 0.3423



21.0845, 0.5229, 0.4230



2.1639, 0.5071, 0.4355

Inverse Universe

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



69.8065, 0.2764, 0.2938



66.9597, 0.2690, 0.2860



58.0408, 0.2761, 0.2656



17.8950, 0.2979, 0.3153



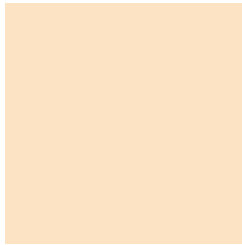
9.8048, 0.1716, 0.1376



1.1151, 0.1780, 0.1606

Previews

White Background



This preview shows how the Yxy color 79.5737, 0.3522, 0.3618 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 79.5737, 0.3522, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

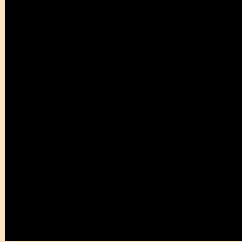
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

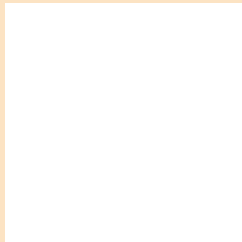
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5737, 0.3522, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 79.5737, 0.3522, 0.3618.

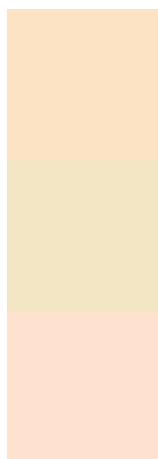


This preview shows how white text looks on a background with the Yxy color 79.5737, 0.3522, 0.3618.

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

79.5737, 0.3522, 0.3618

Protanopia

79.6795, 0.3436, 0.3634

Deuteranopia

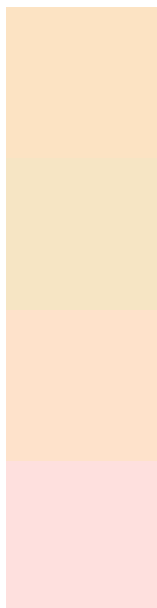
79.6645, 0.3458, 0.3463



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.5737, 0.3522, 0.3618

Protanomaly

79.6170, 0.3467, 0.3632

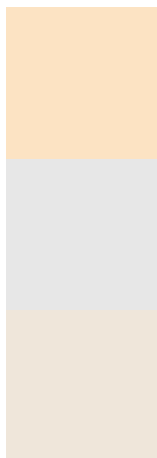
Deuteranomaly

79.7753, 0.3483, 0.3524

Tritanomaly

79.6561, 0.3355, 0.3311

Monochromacy



Original Color

79.5737, 0.3522, 0.3618

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0063, 0.3267, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5737, 0.3522, 0.3618 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(252, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 195)  
}
```

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(252, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 195) }
```

Border

The CSS property to change the border of an element to Yxy 79.5737, 0.3522, 0.3618 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(252, 227, 195) }
```

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

```
.border{ border-color:rgb(252, 227, 195) }
```

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

Here you see how a box with a 4 pixel rgb(252, 227, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5737, 0.3522, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 195) }
```

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

```
.background{ background-color: rgb(252,  
227, 195) }
```

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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