

Converting Colors

$Y_{xy}(82.0159, 0.3526, 0.3648)$

Have a look what the booklet for
Yxy(82.0159, 0.3526, 0.3648)
contains.

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Color

Yxy(82.1628, 0.3528, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7C3
RGB	254, 231, 195
RGB Percent	100%, 91%, 76%
CMY	0.0038, 0.0941, 0.2352
CMYK	0.00, 0.09, 0.23, 0.00
HSL	37°, 97%, 88%
HSV	37°, 23%, 100%
XYZ	79.3079, 82.1628, 63.3249
YIQ	233.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

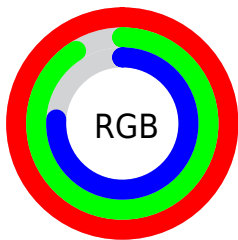
Format	Color
R _Y B	233, 254, 195
Decimal	16705475
CIE Lab	92.65, 2.42, 20.38
CIE LCh	93, 20.521, 83.240
Yxy	82.1628, 0.3528, 0.3655
Android (android.graphics.Color)	4294895555 (0xFFFE7C3)
YUV	233.7730, -19.1151, 17.7391
Hunter-Lab	90.6437, -2.4495, 22.0298

Details

The Yxy color **82.1628, 0.3528, 0.3655** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.9349, 0.2751, 0.2896**, and the grayscale version is **82.2372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **44.8441, 0.3620, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **75.7193, 0.3731, 0.3819**, and if you desaturate by 10%, it is **89.1236, 0.3343, 0.3493**.

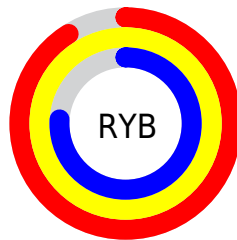
Distribution



Red (100%)

Green (91%)

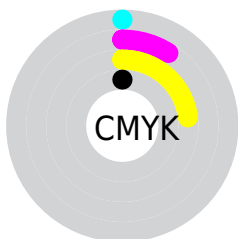
Blue (76%)



Red (91%)

Yellow (100%)

Blue (76%)

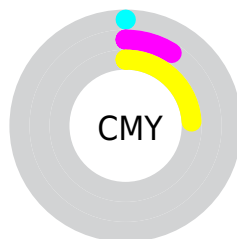


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1628, 0.3528, 0.3655 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 82.1628, 0.3528, 0.3655 by changing the saturation by 10% instead.


 82.1628, 0.3528,
0.3655

 82.1628, 0.3528,
0.3655


502.1921, 0.3346,
0.3491

 61.4997, 0.3568,
0.3691

136.4023, 0.3466,
0.3599

 44.6286, 0.3618,
0.3735

170.7475, 0.3441,
0.3577

 31.1650, 0.3679,
0.3789


210.4222, 0.3420,
0.3558

 20.7245, 0.3758,
0.3859

255.8108, 0.3402,
0.3541

 12.9228, 0.3862,
0.3949

307.2977, 0.3386,
0.3527

 7.3754, 0.4005,
0.4072

365.2673, 0.3371,

 3.6980, 0.4211,

0.3514

0.4243

430.1039, 0.3358,
0.3502

■ 1.5061, 0.4858,
0.4823

■ 0.2930, 0.5353,
0.4647

■ 82.1628, 0.3528,
0.3655

■ 82.1628, 0.3528,
0.3655

■ 75.7193, 0.3731,
0.3819

■ 89.1236, 0.3343,
0.3493

■ 69.7669, 0.3951,
0.3979

■ 96.6049, 0.3177,
0.3338

■ 64.2934, 0.4181,
0.4126

■ 99.8152, 0.3121,
0.3290

■ 59.2814, 0.4414,
0.4249

■ 54.7121, 0.4638,
0.4336

■ 50.5642, 0.4842,
0.4374

■ 46.8132, 0.5013,
0.4359

■ 44.4755, 0.5111,
0.4323

Harmonies

Analogous

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



82.1628, 0.3600, 0.3504



82.1628, 0.3528, 0.3655



82.1628, 0.3348, 0.3712

Triad

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



82.1628, 0.3528, 0.3655



82.1628, 0.2731, 0.3251



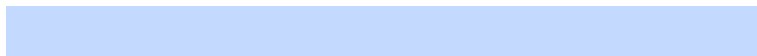
82.1628, 0.3127, 0.2966

Complementary

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



82.1628, 0.3528, 0.3655



68.9349, 0.2751, 0.2896

Split Complementary

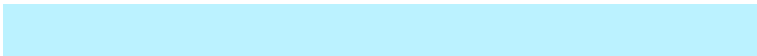
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1628, 0.2898, 0.2896



82.1628, 0.3528, 0.3655



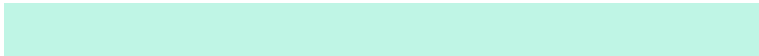
82.1628, 0.2676, 0.3050

Square

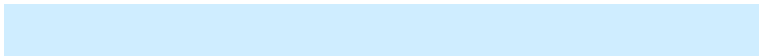
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1628, 0.3528, 0.3655



82.1628, 0.2889, 0.3473



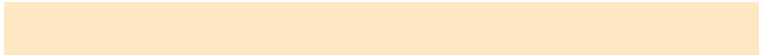
82.1628, 0.2736, 0.2924



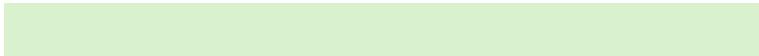
82.1628, 0.3363, 0.3114

Rectangle

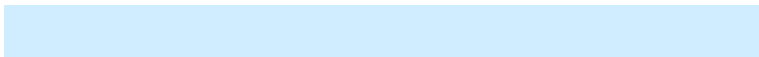
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1628, 0.3528, 0.3655



82.1628, 0.3194, 0.3682



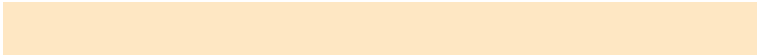
82.1628, 0.2736, 0.2924



82.1628, 0.3046, 0.2933

Sweetspot

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



82.1665, 0.3528, 0.3655



94.5382, 0.3237, 0.3396



65.2133, 0.3420, 0.3050



20.1369, 0.3247, 0.3405



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.



82.1665, 0.3528, 0.3655



79.7139, 0.3623, 0.3734



94.8188, 0.3439, 0.3880



19.8305, 0.3279, 0.3435



23.7386, 0.5092, 0.4339



2.5239, 0.4962, 0.4442

Inverse Universe

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



68.9349, 0.2751, 0.2896



64.1829, 0.2668, 0.2802



58.6081, 0.2770, 0.2641



18.5406, 0.2979, 0.3141



8.7573, 0.1675, 0.1230



1.0576, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 82.1628, 0.3528, 0.3655 looks on a white background.

Color Contrast Check

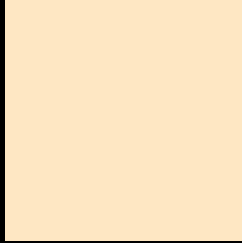
Large Text (above 18pt) WCAG AA × Fail

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 82.1628, 0.3528, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

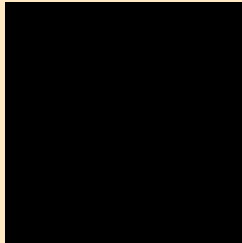
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.1628, 0.3528, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 82.1628, 0.3528, 0.3655.



This preview shows how white text looks on a background with the Yxy color 82.1628, 0.3528, 0.3655.

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

82.1628, 0.3528, 0.3655

Protanopia

82.0375, 0.3466, 0.3671

Deuteranopia

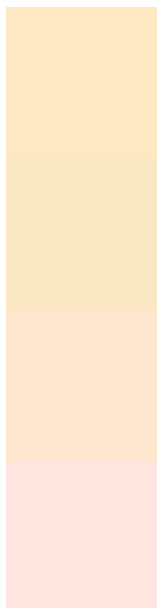
82.1537, 0.3409, 0.3441



Tritanopia

81.9440, 0.3238, 0.3153

Trichromacy



Original Color

82.1628, 0.3528, 0.3655

Protanomaly

82.0227, 0.3490, 0.3658

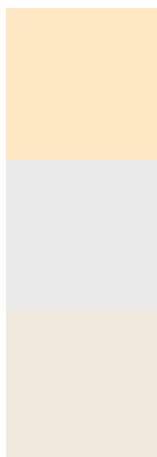
Deuteranomaly

82.3586, 0.3456, 0.3522

Tritanomaly

82.1286, 0.3343, 0.3331

Monochromacy



Original Color

82.1628, 0.3528, 0.3655

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1459, 0.3265, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1628, 0.3528, 0.3655 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(254, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 195) }
```

Border

The CSS property to change the border of an element to Yxy 82.1628, 0.3528, 0.3655 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(254, 231, 195) }
```

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

```
.border{ border-color:rgb(254, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1628, 0.3528, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 195) }
```

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

```
.background{ background-color: rgb(254,  
231, 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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