

Converting Colors

$Yxy(77.9458, 0.3355, 0.3481)$

Have a look what the booklet for
Yxy(77.9458, 0.3355, 0.3481)
contains.

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Color

Yxy(77.6476, 0.3353, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2D0
RGB	241, 226, 208
RGB Percent	95%, 89%, 82%
CMY	0.0552, 0.1136, 0.1844
CMYK	0.00, 0.06, 0.14, 0.06
HSL	33°, 54%, 88%
HSV	33°, 14%, 94%
XYZ	74.8354, 77.6476, 70.7064
YIQ	228.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

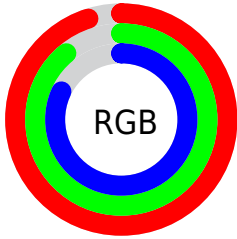
Format	Color
R _Y B	236, 241, 208
Decimal	15852240
CIE Lab	90.62, 2.14, 10.63
CIE LCh	91, 10.845, 78.643
Yxy	77.6476, 0.3353, 0.3479
Android (android.graphics.Color)	4294042320 (0xFFFF1E2D0)
YUV	228.4330, -10.0735, 11.0213
Hunter-Lab	88.1179, -2.6125, 14.1078

Details

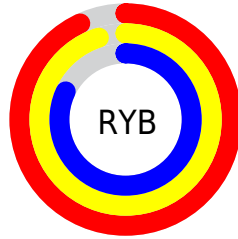
The Yxy color **77.6476, 0.3353, 0.3479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4612, 0.2913, 0.3094**, and the grayscale version is **77.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7732, 0.3404, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **70.8168, 0.3544, 0.3625**, and if you desaturate by 10%, it is **85.0416, 0.3184, 0.3339**.

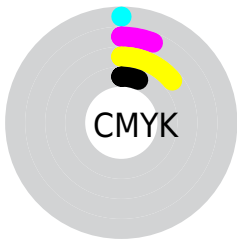
Distribution



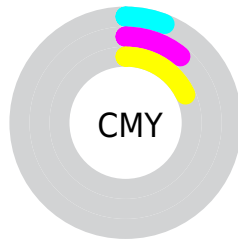
- Red (95%)
- Green (89%)
- Blue (82%)



- Red (93%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (6%)




- Cyan (6%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.6476, 0.3353, 0.3479 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 77.6476, 0.3353, 0.3479 by changing the saturation by 10% instead.


 77.6476, 0.3353,
0.3479

 77.6476, 0.3353,
0.3479


486.9692, 0.3249,
0.3393

 57.7845, 0.3376,
0.3498


130.0532, 0.3317,
0.3449

 41.6355, 0.3405,
0.3522


163.3646, 0.3303,
0.3438

 28.8160, 0.3442,
0.3552


201.9275, 0.3291,
0.3428

 18.9416, 0.3489,
0.3590

246.1264, 0.3281,
0.3419

 11.6281, 0.3553,
0.3642

296.3456, 0.3271,
0.3411

 6.4910, 0.3644,
0.3714

352.9695, 0.3263,

 3.1459, 0.3783,

0.3405

416.3826, 0.3256,
0.3399

0.3823

1.2084, 0.4102,
0.4084

0.0685, 0.6312,
0.3688

77.6476, 0.3353,
0.3479

77.6476, 0.3353,
0.3479

70.8168, 0.3544,
0.3625

85.0416, 0.3184,
0.3339

64.5240, 0.3756,
0.3774

92.9273, 0.3042,
0.3219

58.7566, 0.3989,
0.3918

97.4270, 0.3041,
0.3290

53.4979, 0.4239,
0.4051

■ 48.7298, 0.4495,
0.4160

■ 44.4328, 0.4748,
0.4232

■ 40.5850, 0.4981,
0.4256

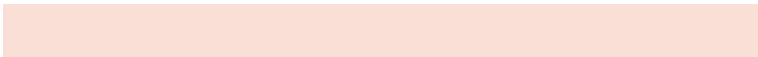
■ 37.1616, 0.5180,
0.4225

■ 35.1947, 0.5289,
0.4183

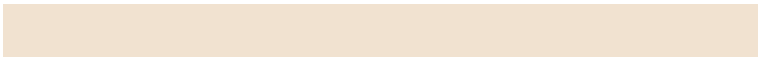
Harmonies

Analogous

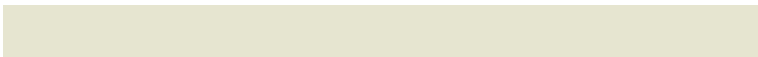
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6476, 0.3379, 0.3394



77.6476, 0.3353, 0.3479



77.6476, 0.3265, 0.3514

Triad

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



77.6476, 0.3353, 0.3479



77.6476, 0.2922, 0.3290



77.6476, 0.3108, 0.3103

Complementary

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



77.6476, 0.3353, 0.3479



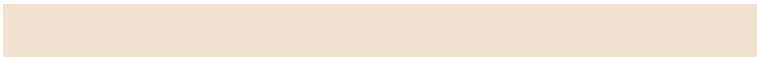
72.4612, 0.2913, 0.3094

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.



77.6476, 0.2988, 0.3073



77.6476, 0.3353, 0.3479



77.6476, 0.2881, 0.3178

Square

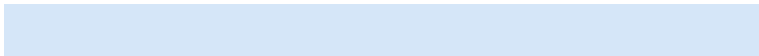
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6476, 0.3353, 0.3479



77.6476, 0.3016, 0.3404



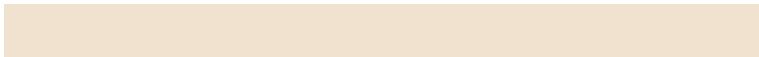
77.6476, 0.2905, 0.3100



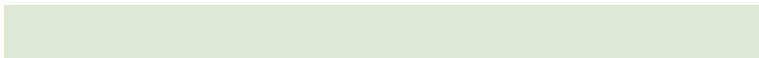
77.6476, 0.3237, 0.3179

Rectangle

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



77.6476, 0.3353, 0.3479



77.6476, 0.3185, 0.3504



77.6476, 0.2905, 0.3100



77.6476, 0.3066, 0.3087

Sweetspot

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



77.6510, 0.3353, 0.3479



96.4538, 0.3189, 0.3344



69.1379, 0.3267, 0.3130



20.5048, 0.3201, 0.3354



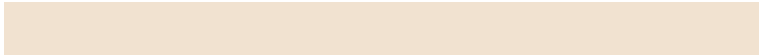
0.0000, 0.0000, 0.0000



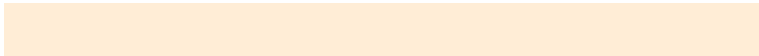
21.4041, 0.3127, 0.3290

Same Dimension

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



77.6510, 0.3353, 0.3479



86.4376, 0.3396, 0.3513



85.9121, 0.3324, 0.3630



17.1946, 0.3279, 0.3419



19.3724, 0.5266, 0.4201



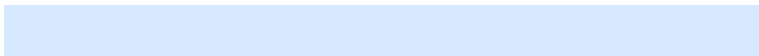
1.8102, 0.5086, 0.4343

Inverse Universe

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



72.4612, 0.2913, 0.3094



79.6220, 0.2874, 0.3056



65.0175, 0.2915, 0.2928



16.4055, 0.2980, 0.3157



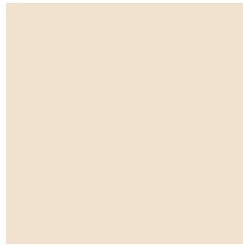
9.6292, 0.1729, 0.1422



0.9972, 0.1798, 0.1673

Previews

White Background



This preview shows how the Yxy color 77.6476, 0.3353, 0.3479 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 77.6476, 0.3353, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

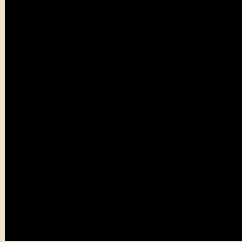
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6476, 0.3353, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 77.6476, 0.3353, 0.3479.

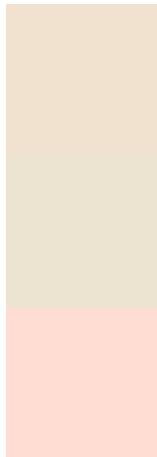


This preview shows how white text looks on a background with the Yxy color 77.6476, 0.3353, 0.3479.

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

77.6476, 0.3353, 0.3479

Protanopia

77.5461, 0.3316, 0.3480

Deuteranopia

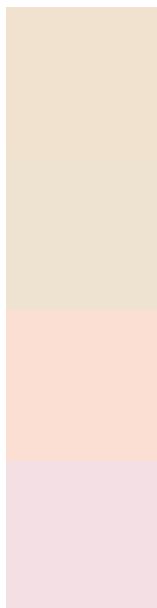
77.6761, 0.3443, 0.3392



Tritanopia

77.3574, 0.3178, 0.3108

Trichromacy



Original Color

77.6476, 0.3353, 0.3479

Protanomaly

77.7188, 0.3324, 0.3479

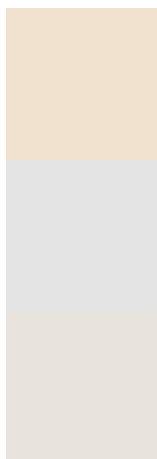
Deuteranomaly

77.7525, 0.3410, 0.3424

Tritanomaly

77.6099, 0.3243, 0.3239

Monochromacy



Original Color

77.6476, 0.3353, 0.3479

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4823, 0.3208, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6476, 0.3353, 0.3479 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(241, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 208)  
}
```

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(241, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 208) }
```

Border

The CSS property to change the border of an element to Yxy 77.6476, 0.3353, 0.3479 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(241, 226, 208) }
```

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

```
.border{ border-color:rgb(241, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
208) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.6476, 0.3353, 0.3479$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 208) }
```

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

```
.background{ background-color: rgb(241,  
226, 208) }
```

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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