

Converting Colors

$Yxy(76.1640, 0.3283, 0.3357)$

Have a look what the booklet for
Yxy(76.1640, 0.3283, 0.3357)
contains.

Yxy(76.1358, 0.3281, 0.3353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.1358, 0.3281, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	EFDFD9
RGB	239, 223, 217
RGB Percent	94%, 87%, 85%
CMY	0.0629, 0.1254, 0.1489
CMYK	0.00, 0.07, 0.09, 0.06
HSL	16°, 41%, 89%
HSV	16°, 9%, 94%
XYZ	74.5009, 76.1358, 76.4310
YIQ	227.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

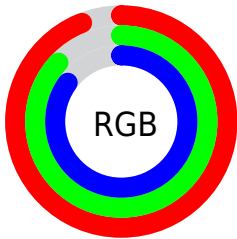
Format	Color
R _{YB}	239, 225, 217
Decimal	15720409
CIE Lab	89.92, 4.45, 4.88
CIE LCh	90, 6.603, 47.639
Yxy	76.1358, 0.3281, 0.3353
Android (android.graphics.Color)	4293910489 (0xFFEFD9)
YUV	227.1000, -4.9793, 10.4363
Hunter-Lab	87.2558, -0.2905, 9.1445

Details

The Yxy color **76.1358, 0.3281, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.2456, 0.2985, 0.3226**, and the grayscale version is **76.9228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6812, 0.3320, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **66.1729, 0.3480, 0.3426**, and if you desaturate by 10%, it is **87.2376, 0.3115, 0.3285**.

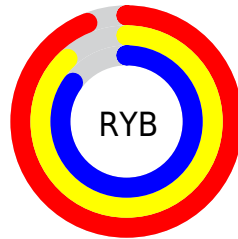
Distribution



Red (94%)

Green (87%)

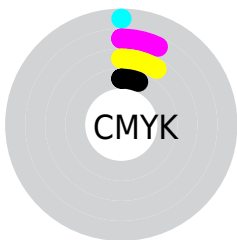
Blue (85%)



Red (94%)

Yellow (88%)

Blue (85%)

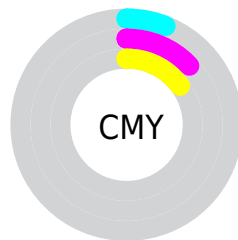


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (6%)



Cyan (6%)

Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1358, 0.3281, 0.3353 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 76.1358, 0.3281, 0.3353 by changing the saturation by 10% instead.


 76.1358, 0.3281,
0.3353

 76.1358, 0.3281,
0.3353


481.8124, 0.3210,
0.3325

 56.5439, 0.3297,
0.3359


127.9188, 0.3256,
0.3343

 40.6391, 0.3317,
0.3367


160.8788, 0.3247,
0.3339

 28.0372, 0.3342,
0.3377


199.0634, 0.3239,
0.3336

 18.3537, 0.3375,
0.3389

242.8573, 0.3231,
0.3333

 11.2042, 0.3420,
0.3406

292.6448, 0.3225,
0.3331

 6.2044, 0.3485,
0.3430

348.8102, 0.3220,

 2.9698, 0.3585,

0.3328

0.3465

411.7379, 0.3215,
0.3326

■ 1.1160, 0.3770,
0.3528

■ 0.0000, 1.0000,
0.0000

■ 76.1358, 0.3281,
0.3353

■ 76.1358, 0.3281,
0.3353

■ 66.1729, 0.3480,
0.3426

■ 87.2376, 0.3115,
0.3285

■ 57.3026, 0.3717,
0.3502

■ 97.0838, 0.3029,
0.3290

■ 49.4901, 0.3995,
0.3578

■ 42.6948, 0.4318,
0.3648

■ 36.8735, 0.4679,
0.3703

■ 31.9800, 0.5064,
0.3733

■ 27.9635, 0.5443,
0.3726

■ 24.7682, 0.5777,
0.3674

■ 22.3261, 0.6033,
0.3584

Harmonies

Analogous

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



76.1358, 0.3254, 0.3285



76.1358, 0.3281, 0.3353



76.1358, 0.3267, 0.3405

Triad

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



76.1358, 0.3281, 0.3353



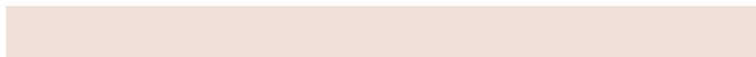
76.1358, 0.3062, 0.3362



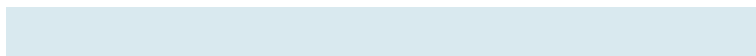
76.1358, 0.3040, 0.3156

Complementary

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



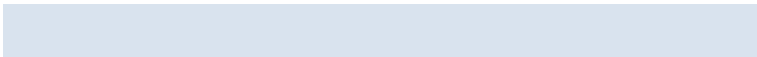
76.1358, 0.3281, 0.3353



79.2456, 0.2985, 0.3226

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.



76.1358, 0.2989, 0.3175



76.1358, 0.3281, 0.3353



76.1358, 0.3002, 0.3293

Square

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



76.1358, 0.3281, 0.3353



76.1358, 0.3139, 0.3411



76.1358, 0.2976, 0.3224



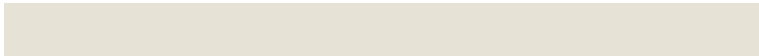
76.1358, 0.3114, 0.3173

Rectangle

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



76.1358, 0.3281, 0.3353



76.1358, 0.3235, 0.3424



76.1358, 0.2976, 0.3224



76.1358, 0.3019, 0.3158

Sweetspot

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



76.1391, 0.3281, 0.3353



96.0204, 0.3175, 0.3310



73.8722, 0.3177, 0.3124



20.3291, 0.3188, 0.3316



0.0000, 0.0000, 0.0000



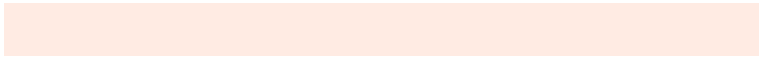
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1391, 0.3281, 0.3353



85.9977, 0.3315, 0.3366



82.1107, 0.3269, 0.3464



16.4613, 0.3286, 0.3355



12.4349, 0.6025, 0.3598



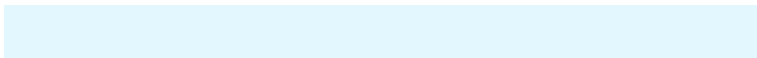
1.1945, 0.5768, 0.3802

Inverse Universe

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



79.2456, 0.2985, 0.3226



90.2716, 0.2956, 0.3212



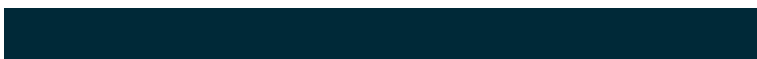
73.3041, 0.2985, 0.3110



17.1562, 0.2981, 0.3224



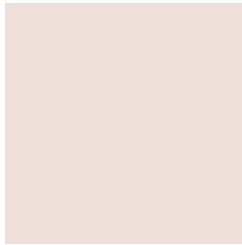
20.3431, 0.1994, 0.2378



1.8570, 0.2031, 0.2512

Previews

White Background



This preview shows how the Yxy color 76.1358, 0.3281, 0.3353 looks on a white background.

Color Contrast Check

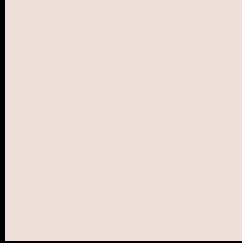
Large Text (above 18pt) WCAG AA × Fail

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 76.1358, 0.3281, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

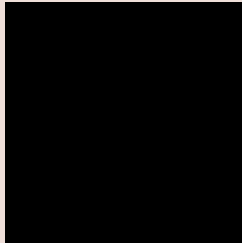
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

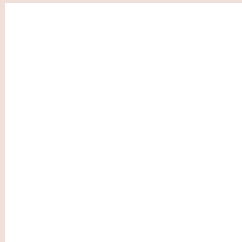
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1358, 0.3281, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 76.1358, 0.3281, 0.3353.

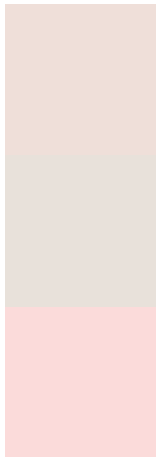


This preview shows how white text looks on a background with the Yxy color 76.1358, 0.3281, 0.3353.

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

76.1358, 0.3281, 0.3353

Protanopia

76.0682, 0.3222, 0.3364

Deuteranopia

76.2342, 0.3367, 0.3301



Tritanopia

76.1781, 0.3171, 0.3117

Trichromacy



Original Color

76.1358, 0.3281, 0.3353

Protanomaly

76.0354, 0.3245, 0.3353

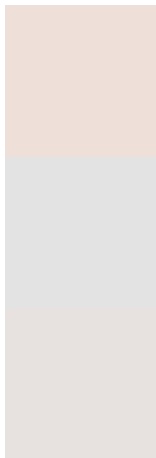
Deuteranomaly

76.0225, 0.3337, 0.3311

Tritanomaly

76.1268, 0.3210, 0.3198

Monochromacy



Original Color

76.1358, 0.3281, 0.3353

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7093, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1358, 0.3281, 0.3353 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(239, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 217)  
}
```

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(239, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 76.1358, 0.3281, 0.3353 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(239, 223, 217) }
```

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

```
.border{ border-color:rgb(239, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1358, 0.3281, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 217) }
```

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

```
.background{ background-color: rgb(239,  
223, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor