

Converting Colors

$Yxy(80.1456, 0.3289, 0.3415)$

Have a look what the booklet for
Yxy(80.1456, 0.3289, 0.3415)
contains.

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Color

Yxy(80.3042, 0.3288, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	F1E6D9
RGB	241, 230, 217
RGB Percent	95%, 90%, 85%
CMY	0.0549, 0.0980, 0.1491
CMYK	0.00, 0.05, 0.10, 0.05
HSL	33°, 46%, 90%
HSV	33°, 10%, 95%
XYZ	77.0920, 80.3042, 77.0686
YIQ	231.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

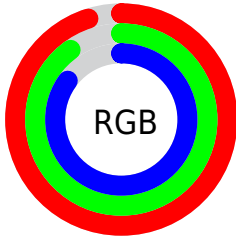
Format	Color
R_{YB}	237, 241, 217
Decimal	15853273
CIE _{Lab}	91.82, 1.55, 7.66
CIE _{LCh}	92, 7.815, 78.574
Yxy	80.3042, 0.3288, 0.3425
Android (android.graphics.Color)	4294043353 (0xFFFF1E6D9)
YUV	231.8070, -7.2999, 8.0623
Hunter-Lab	89.6126, -3.2619, 11.7383

Details

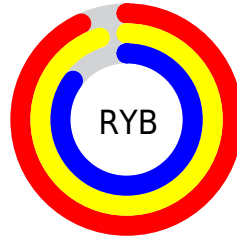
The Yxy color **80.3042, 0.3288, 0.3425** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **76.5641, 0.2972, 0.3151**, and the grayscale version is **80.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.5829, 0.3327, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **73.2024, 0.3471, 0.3568**, and if you desaturate by 10%, it is **87.9840, 0.3127, 0.3290**.

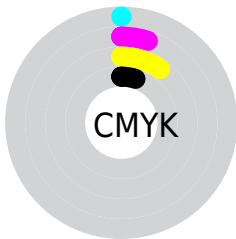
Distribution



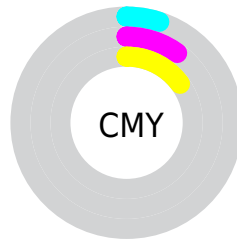
- Red (95%)
- Green (90%)
- Blue (85%)



- Red (93%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.3042, 0.3288, 0.3425 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 80.3042, 0.3288, 0.3425 by changing the saturation by 10% instead.

 80.3042, 0.3288,
0.3425

 80.3042, 0.3288,
0.3425


495.9574, 0.3215,
0.3364

 59.9687, 0.3304,
0.3439

133.7933, 0.3263,
0.3404

 43.3934, 0.3325,
0.3455

167.7158, 0.3253,
0.3396

 30.1939, 0.3350,
0.3476


206.9360, 0.3244,
0.3389

 19.9858, 0.3383,
0.3504

251.8384, 0.3237,
0.3382

 12.3847, 0.3428,
0.3540

302.8073, 0.3230,
0.3377

 7.0063, 0.3491,
0.3591

360.2272, 0.3225,

 3.4660, 0.3587,

0.3372

0.3668

424.4824, 0.3219,
0.3368

■ 1.3796, 0.3752,
0.3799

■ 0.2016, 0.5323,
0.4677

■ 80.3042, 0.3288,
0.3425

■ 80.3042, 0.3288,
0.3425

■ 73.2024, 0.3471,
0.3568

■ 87.9840, 0.3127,
0.3290

■ 66.6529, 0.3676,
0.3715

■ 95.5724, 0.3042,
0.3261

■ 60.6436, 0.3903,
0.3860

■ 97.4391, 0.3041,
0.3290

■ 55.1577, 0.4148,
0.3997

■ 50.1774, 0.4406,
0.4115

■ 45.6834, 0.4664,
0.4201

■ 41.6545, 0.4908,
0.4243

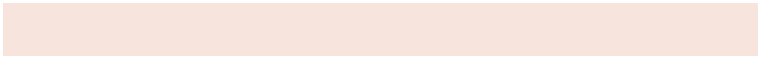
■ 38.0669, 0.5124,
0.4232

■ 34.8859, 0.5304,
0.4170

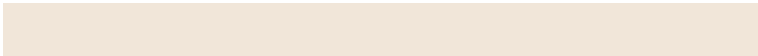
Harmonies

Analogous

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



80.3042, 0.3306, 0.3365



80.3042, 0.3288, 0.3425



80.3042, 0.3226, 0.3449

Triad

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



80.3042, 0.3288, 0.3425



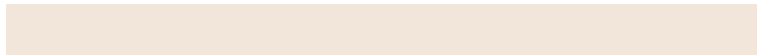
80.3042, 0.2980, 0.3291



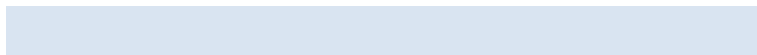
80.3042, 0.3114, 0.3155

Complementary

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



80.3042, 0.3288, 0.3425



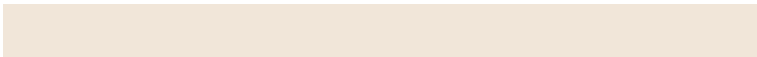
76.5641, 0.2972, 0.3151

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.



80.3042, 0.3028, 0.3135



80.3042, 0.3288, 0.3425



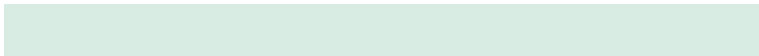
80.3042, 0.2951, 0.3211

Square

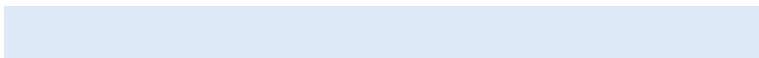
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3042, 0.3288, 0.3425



80.3042, 0.3049, 0.3371



80.3042, 0.2968, 0.3155



80.3042, 0.3205, 0.3211

Rectangle

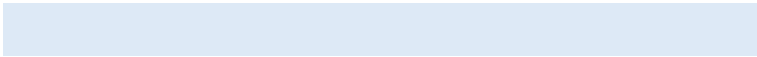
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3042, 0.3288, 0.3425



80.3042, 0.3169, 0.3441



80.3042, 0.2968, 0.3155



80.3042, 0.3083, 0.3144

Sweetspot

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



80.3077, 0.3288, 0.3425



97.3053, 0.3174, 0.3330



73.9268, 0.3225, 0.3174



20.6754, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



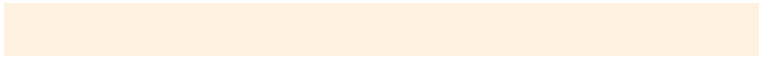
21.4041, 0.3127, 0.3290

Same Dimension

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



80.3077, 0.3288, 0.3425



89.5782, 0.3324, 0.3454



86.4723, 0.3270, 0.3536



17.1803, 0.3280, 0.3418



19.1867, 0.5282, 0.4188



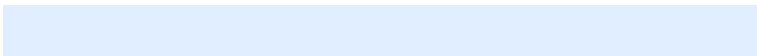
1.7949, 0.5099, 0.4333

Inverse Universe

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



76.5641, 0.2972, 0.3151



84.5095, 0.2939, 0.3120



70.8379, 0.2977, 0.3033



16.4196, 0.2980, 0.3158



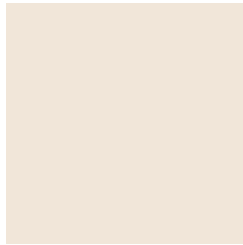
9.7782, 0.1733, 0.1439



1.0101, 0.1803, 0.1689

Previews

White Background



This preview shows how the Yxy color 80.3042, 0.3288, 0.3425 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 80.3042, 0.3288, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

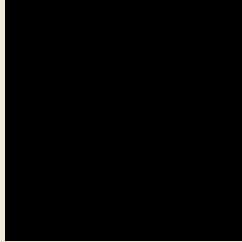
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

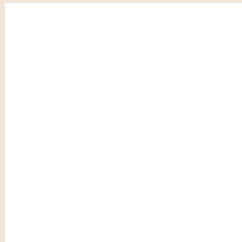
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.3042, 0.3288, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 80.3042, 0.3288, 0.3425.

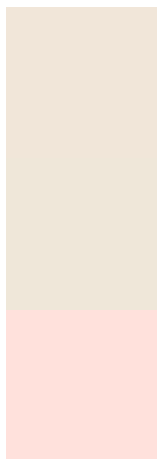


This preview shows how white text looks on a background with the Yxy color 80.3042, 0.3288, 0.3425.

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

80.3042, 0.3288, 0.3425

Protanopia

80.5123, 0.3273, 0.3436

Deuteranopia

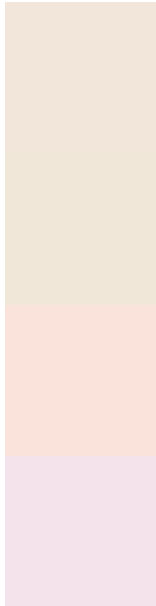
80.2777, 0.3374, 0.3341



Tritanopia

80.3368, 0.3143, 0.3110

Trichromacy



Original Color

80.3042, 0.3288, 0.3425

Protanomaly

80.6868, 0.3280, 0.3435

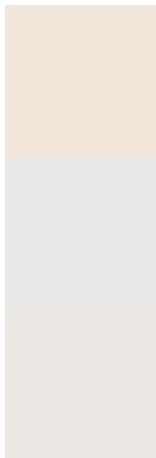
Deuteranomaly

80.3766, 0.3342, 0.3372

Tritanomaly

80.1118, 0.3200, 0.3219

Monochromacy



Original Color

80.3042, 0.3288, 0.3425

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3600, 0.3180, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.3042, 0.3288, 0.3425 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, 230, 217) looks like.

```
.text, #text, p{  
    color:rgb(241, 230, 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(241, 230, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 230, 217) }
```

Border

The CSS property to change the border of an element to Yxy 80.3042, 0.3288, 0.3425 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, 230, 217) }
```

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

```
.border{ border-color:rgb(241, 230, 217) }
```

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

Here you see how a box with a 4 pixel rgb(241, 230, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 230, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 230, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 230,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 80.3042, 0.3288, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 230, 217) }
```

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

```
.background{ background-color: rgb(241,  
230, 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](#).

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