

Converting Colors

$Yxy(77.3216, 0.3456, 0.3633)$

Have a look what the booklet for
Yxy(77.3216, 0.3456, 0.3633)
contains.

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Color

Yxy(77.1650, 0.3457, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	F2E2C2
RGB	242, 226, 194
RGB Percent	95%, 89%, 76%
CMY	0.0510, 0.1137, 0.2393
CMYK	0.00, 0.07, 0.20, 0.05
HSL	40°, 65%, 85%
HSV	40°, 20%, 95%
XYZ	73.5482, 77.1650, 62.0384
YIQ	227.1360, 19.8080, -6.5600

Conversions

Conversions Part 2

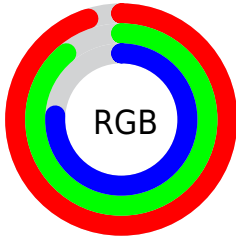
Format	Color
R _Y B	218, 242, 194
Decimal	15917762
CIE Lab	90.40, 0.43, 17.64
CIE LCh	90, 17.644, 88.612
Yxy	77.1650, 0.3457, 0.3627
Android (android.graphics.Color)	4294107842 (0xFF2E2C2)
YUV	227.1360, -16.3360, 13.0357
Hunter-Lab	87.8436, -4.2748, 19.6178

Details

The Yxy color **77.1650, 0.3457, 0.3627** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.9485, 0.2807, 0.2928**, and the grayscale version is **77.0307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **41.4584, 0.3539, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **71.8893, 0.3647, 0.3804**, and if you desaturate by 10%, it is **82.8306, 0.3283, 0.3453**.

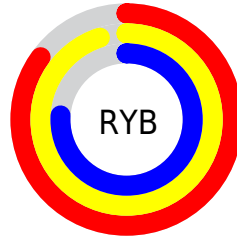
Distribution



Red (95%)

Green (89%)

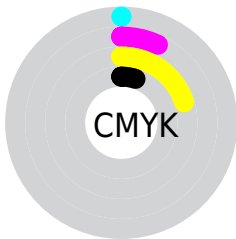
Blue (76%)



Red (85%)

Yellow (95%)

Blue (76%)

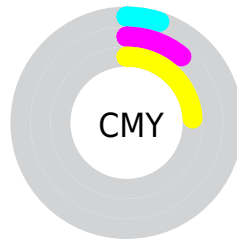


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (5%)



Cyan (5%)

Magenta (11%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1650, 0.3457, 0.3627 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 77.1650, 0.3457, 0.3627 by changing the saturation by 10% instead.

77.1650, 0.3457,
0.3627

77.1650, 0.3457,
0.3627

485.3264, 0.3306,
0.3473

57.3883, 0.3491,
0.3662

129.3724, 0.3405,
0.3574

41.3171, 0.3533,
0.3704

162.5718, 0.3385,
0.3553

28.5669, 0.3585,
0.3757

201.0143, 0.3367,
0.3535

18.7535, 0.3653,
0.3826

245.0843, 0.3352,
0.3520

11.4923, 0.3743,
0.3917

295.1661, 0.3338,
0.3506

6.3990, 0.3869,
0.4045

351.6441, 0.3326,

3.0892, 0.4056,

0.3494

0.4232

414.9028, 0.3316,
0.3483

■ 1.1785, 0.4859,
0.5055

■ 0.0440, 0.5429,
0.4571

■ 77.1650, 0.3457,
0.3627

■ 77.1650, 0.3457,
0.3627

■ 71.8893, 0.3647,
0.3804

■ 82.8306, 0.3283,
0.3453

■ 66.9816, 0.3850,
0.3980

■ 88.8863, 0.3125,
0.3288

■ 62.4335, 0.4061,
0.4144

■ 94.5781, 0.3048,
0.3243

■ 58.2317, 0.4273,
0.4288

■ 97.6168, 0.3047,
0.3290

■ 54.3619, 0.4477,
0.4400

■ 50.8082, 0.4662,
0.4468

■ 47.5520, 0.4819,
0.4485

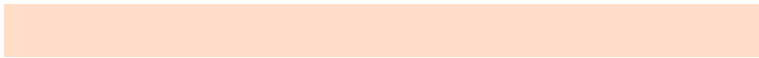
■ 44.5647, 0.4945,
0.4455

■ 44.5203, 0.4947,
0.4454

Harmonies

Analogous

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



77.1650, 0.3539, 0.3508



77.1650, 0.3457, 0.3627



77.1650, 0.3287, 0.3657

Triad

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



77.1650, 0.3457, 0.3627



77.1650, 0.2762, 0.3222



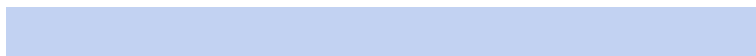
77.1650, 0.3166, 0.3023

Complementary

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



77.1650, 0.3457, 0.3627



63.9485, 0.2807, 0.2928

Split Complementary

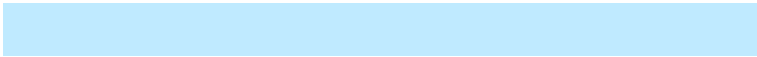
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1650, 0.2959, 0.2948



77.1650, 0.3457, 0.3627



77.1650, 0.2732, 0.3054

Square

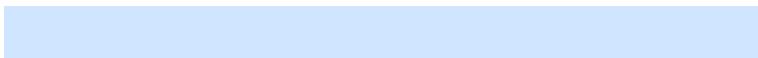
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1650, 0.3457, 0.3627



77.1650, 0.2888, 0.3417



77.1650, 0.2803, 0.2957



77.1650, 0.3367, 0.3164

Rectangle

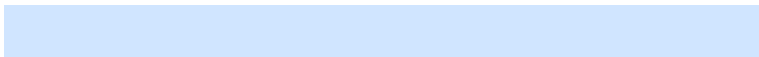
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1650, 0.3457, 0.3627



77.1650, 0.3149, 0.3617



77.1650, 0.2803, 0.2957



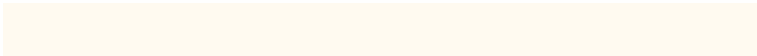
77.1650, 0.3094, 0.2989

Sweetspot

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



77.1685, 0.3457, 0.3627



95.8468, 0.3220, 0.3389



62.0993, 0.3393, 0.3120



20.4205, 0.3231, 0.3400



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.



77.1685, 0.3457, 0.3627



84.3495, 0.3535, 0.3702



84.8875, 0.3371, 0.3794



17.5208, 0.3276, 0.3447



24.1787, 0.4931, 0.4467



2.1934, 0.4809, 0.4564

Inverse Universe

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



63.9485, 0.2807, 0.2928



66.8435, 0.2734, 0.2841



57.5341, 0.2852, 0.2751



16.0884, 0.2980, 0.3128



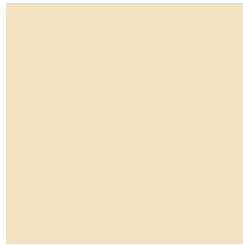
6.7941, 0.1633, 0.1079



0.7413, 0.1706, 0.1340

Previews

White Background



This preview shows how the Yxy color 77.1650, 0.3457, 0.3627 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 77.1650, 0.3457, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

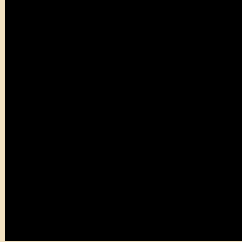
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1650, 0.3457, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 77.1650, 0.3457, 0.3627.

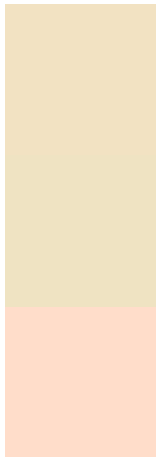


This preview shows how white text looks on a background with the Yxy color 77.1650, 0.3457, 0.3627.

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

77.1650, 0.3457, 0.3627

Protanopia

77.1839, 0.3433, 0.3639

Deuteranopia

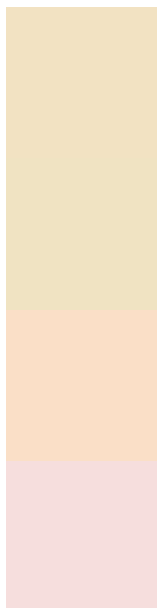
77.2372, 0.3508, 0.3484



Tritanopia

77.2573, 0.3213, 0.3119

Trichromacy



Original Color

77.1650, 0.3457, 0.3627

Protanomaly

77.3585, 0.3440, 0.3638

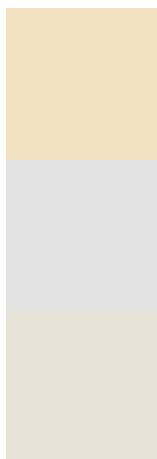
Deuteranomaly

77.2229, 0.3487, 0.3538

Tritanomaly

77.0558, 0.3306, 0.3301

Monochromacy



Original Color

77.1650, 0.3457, 0.3627

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.0003, 0.3240, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1650, 0.3457, 0.3627 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(242, 226, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 194)  
}
```

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(242, 226, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 194) }
```

Border

The CSS property to change the border of an element to Yxy 77.1650, 0.3457, 0.3627 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(242, 226, 194) }
```

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

```
.border{ border-color:rgb(242, 226, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 226, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 226, 194); box-shadow:4px 4px 4px 4px rgb(242, 226, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1650, 0.3457, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 194) }
```

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

```
.background{ background-color: rgb(242,  
226, 194) }
```

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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