

Converting Colors

$Y_{xy}(77.1432, 0.3364, 0.3470)$

Have a look what the booklet for
Yxy(77.1432, 0.3364, 0.3470)
contains.

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Color

Yxy(77.2817, 0.3362, 0.3468)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2E1D0 |
| RGB | 242, 225, 208 |
| RGB Percent | 95%, 88%, 82% |
| CMY | 0.0511, 0.1176, 0.1843 |
| CMYK | 0.00, 0.07, 0.14, 0.05 |
| HSL | 30°, 57%, 88% |
| HSV | 30°, 14%, 95% |
| XYZ | 74.9196, 77.2817, 70.6410 |
| YIQ | 228.1450, 15.5890, -1.6830 |

Conversions

Conversions Part 2

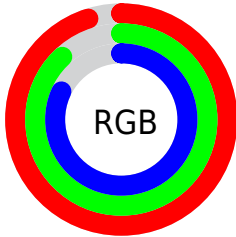
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 242, 242, 208 |
| Decimal | 15917520 |
| CIE _{Lab} | 90.45, 3.03, 10.40 |
| CIE _{LCh} | 90, 10.830, 73.744 |
| Yxy | 77.2817, 0.3362, 0.3468 |
| Android (android.graphics.Color) | 4294107600 (0xFFFF2E1D0) |
| YUV | 228.1450, -9.9315, 12.1508 |
| Hunter-Lab | 87.9100, -1.7194, 13.8939 |

Details

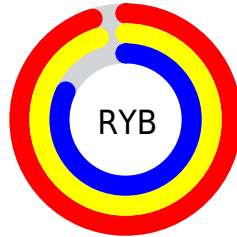
The Yxy color **77.2817, 0.3362, 0.3468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6419, 0.2907, 0.3105**, and the grayscale version is **77.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5216, 0.3416, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **69.8835, 0.3558, 0.3602**, and if you desaturate by 10%, it is **85.3301, 0.3190, 0.3340**.

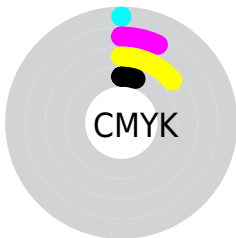
Distribution



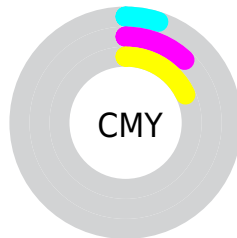
- Red (95%)
- Green (88%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2817, 0.3362, 0.3468 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 77.2817, 0.3362, 0.3468 by changing the saturation by 10% instead.

77.2817, 0.3362,
0.3468

77.2817, 0.3362,
0.3468

485.7240, 0.3254,
0.3387

57.4841, 0.3386,
0.3486

129.5371, 0.3325,
0.3440

41.3940, 0.3417,
0.3508

162.7636, 0.3310,
0.3429

28.6271, 0.3455,
0.3536

201.2353, 0.3298,
0.3420

18.7989, 0.3504,
0.3572

245.3364, 0.3287,
0.3412

11.5251, 0.3571,
0.3620

295.4515, 0.3277,
0.3404

6.4212, 0.3667,
0.3688

351.9648, 0.3269,

3.1028, 0.3813,

0.3398

0.3789

415.2608, 0.3261,
0.3392

■ 1.1857, 0.4150,
0.4036

■ 0.0499, 0.7087,
0.2913

■ 77.2817, 0.3362,
0.3468

■ 77.2817, 0.3362,
0.3468

■ 69.8835, 0.3558,
0.3602

■ 85.3301, 0.3190,
0.3340

■ 63.1076, 0.3779,
0.3739

■ 93.9454, 0.3048,
0.3233

■ 56.9388, 0.4023,
0.3872

■ 97.6115, 0.3047,
0.3290

■ 51.3574, 0.4288,
0.3993

■ 46.3422, 0.4565,
0.4090

■ 41.8704, 0.4840,
0.4151

■ 37.9169, 0.5096,
0.4162

■ 34.4529, 0.5315,
0.4119

■ 32.6006, 0.5429,
0.4071

Harmonies

Analogous

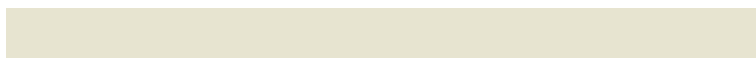
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2817, 0.3377, 0.3377



77.2817, 0.3362, 0.3468



77.2817, 0.3283, 0.3513

Triad

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



77.2817, 0.3362, 0.3468



77.2817, 0.2934, 0.3309



77.2817, 0.3087, 0.3094

Complementary

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



77.2817, 0.3362, 0.3468



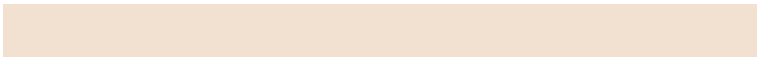
73.6419, 0.2907, 0.3105

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.



77.2817, 0.2971, 0.3074



77.2817, 0.3362, 0.3468



77.2817, 0.2884, 0.3195

Square

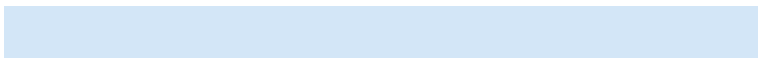
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2817, 0.3362, 0.3468



77.2817, 0.3036, 0.3421



77.2817, 0.2897, 0.3109



77.2817, 0.3217, 0.3164

Rectangle

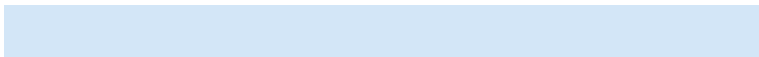
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2817, 0.3362, 0.3468



77.2817, 0.3206, 0.3509



77.2817, 0.2897, 0.3109



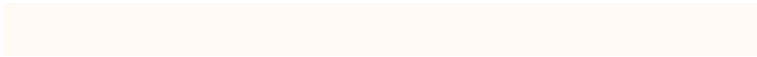
77.2817, 0.3045, 0.3081

Sweetspot

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



77.2851, 0.3362, 0.3468



96.1557, 0.3190, 0.3339



69.4181, 0.3263, 0.3114



20.4294, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



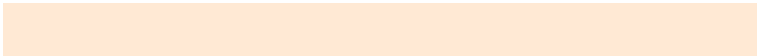
21.4041, 0.3127, 0.3290

Same Dimension

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



77.2851, 0.3362, 0.3468



84.4822, 0.3418, 0.3508



86.9105, 0.3338, 0.3638



17.0674, 0.3281, 0.3409



17.7921, 0.5403, 0.4092



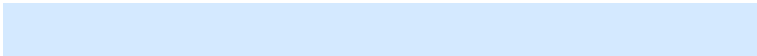
1.6792, 0.5202, 0.4252

Inverse Universe

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



73.6419, 0.2907, 0.3105



79.6028, 0.2859, 0.3062



64.9299, 0.2901, 0.2917



16.5319, 0.2980, 0.3169



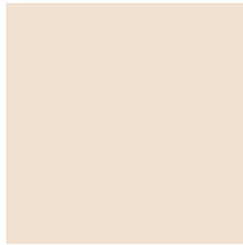
11.0323, 0.1771, 0.1575



1.1167, 0.1837, 0.1813

Previews

White Background



This preview shows how the Yxy color 77.2817, 0.3362, 0.3468 looks on a white background.

Color Contrast Check

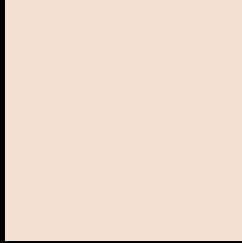
Large Text (above 18pt) WCAG AA × Fail

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 77.2817, 0.3362, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

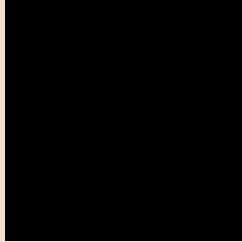
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2817, 0.3362, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 77.2817, 0.3362, 0.3468.

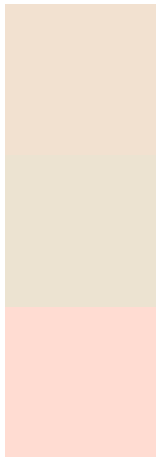


This preview shows how white text looks on a background with the Yxy color 77.2817, 0.3362, 0.3468.

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

77.2817, 0.3362, 0.3468

Protanopia

77.3745, 0.3309, 0.3480

Deuteranopia

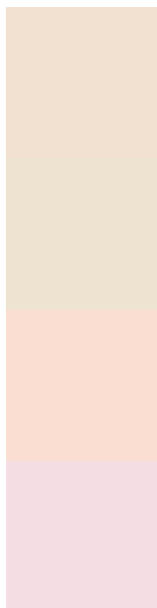
77.0995, 0.3452, 0.3392



Tritanopia

77.4788, 0.3192, 0.3119

Trichromacy



Original Color

77.2817, 0.3362, 0.3468

Protanomaly

77.1733, 0.3325, 0.3469

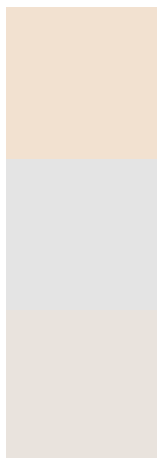
Deuteranomaly

77.1700, 0.3419, 0.3424

Tritanomaly

77.2011, 0.3258, 0.3239

Monochromacy



Original Color

77.2817, 0.3362, 0.3468

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 77.2817, 0.3362, 0.3468 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, 225, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 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(242, 225, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 208) }
```

Border

The CSS property to change the border of an element to Yxy 77.2817, 0.3362, 0.3468 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, 225, 208) }
```

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

```
.border{ border-color:rgb(242, 225, 208) }
```

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

Here you see how a box with a 4 pixel rgb(242, 225, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2817, 0.3362, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 208) }
```

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

```
.background{ background-color: rgb(242,  
225, 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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