

Converting Colors

XYZ(77.1418, 78.0992, 60.5197)

Have a look what the booklet for
XYZ(77.1418, 78.0992, 60.5197)
contains.

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Color

**XYZ(77.2996, 78.3329,
60.3358)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFE0BF |
| RGB | 255, 224, 191 |
| RGB Percent | 100%, 88%, 75% |
| CMY | 0.0000, 0.1215, 0.2510 |
| CMYK | 0.00, 0.12, 0.25, 0.00 |
| HSL | 31°, 100%, 87% |
| HSV | 31°, 25%, 100% |
| XYZ | 77.2996, 78.3329, 60.3358 |
| YIQ | 229.5070, 29.0690, -3.6910 |

Conversions

Conversions Part 2

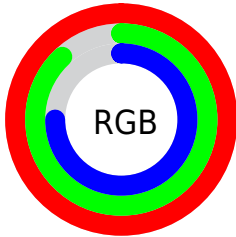
| Format | Color |
|-------------------------------------|--|
| RYB | 251, 255, 191 |
| Decimal | 16769215 |
| CIELab | 90.93, 5.80, 20.09 |
| CIELCh | 91, 20.912, 73.896 |
| Yxy | 78.3329, 0.3579, 0.3627 |
| Android (android.graphics.Color) | 4294959295 (0xFFFFE0BF) |
| YUV | 229.5070, -18.9840, 22.3574 |
| Hunter-Lab | 88.5059, 1.0137, 21.5352 |

Details

The XYZ color **77.2996, 78.3329, 60.3358** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.6563, 70.5367, 104.7622**, and the grayscale version is **74.9719, 78.8763, 85.8963**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.9920, 42.1878, 29.5968** is the 20% darker color. If you saturate the color by 10%, you get **71.5351, 70.9106, 45.7540**, and if you desaturate by 10%, it is **83.7976, 86.4398, 77.5743**.

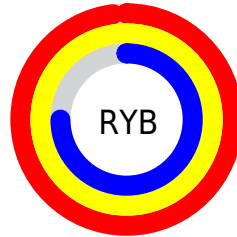
Distribution



Red (100%)

Green (88%)

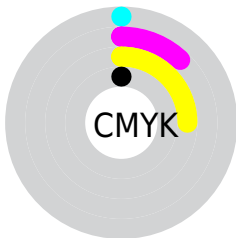
Blue (75%)



Red (98%)

Yellow (100%)

Blue (75%)

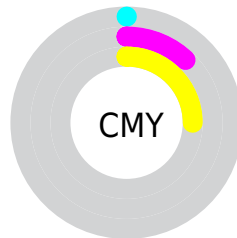


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.2996, 78.3329, 60.3358 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 XYZ color 77.2996, 78.3329, 60.3358 by changing the saturation by 10% instead.


 77.2996, 78.3329,
60.3358

 77.2996, 78.3329,
60.3358

474.6612,
489.2967, 443.6734

 57.7996, 58.3475,
43.2623


 128.5329,
131.0193, 106.8648

 41.8902, 42.0881,
29.7580


160.9969,
164.4891, 137.1573

 29.2060, 29.1703,
19.4045


198.5130,
203.2224, 172.6933

 19.3818, 19.2097,
11.7832

241.4464,
247.6038, 213.8912

 12.0521, 11.8219,
6.4755

290.1626,
298.0174, 261.1696

 6.8516, 6.6225,
3.0629

345.0269,

 3.4150, 3.2272,

354.8479, 314.9471

1.1268

406.4046,
418.4795, 375.6422

■ 1.3768, 1.2514,
0.0000

■ 0.2396, 0.1031,
0.0000

■ 77.2996, 78.3329,
60.3358

■ 77.2996, 78.3329,
60.3358

■ 71.5351, 70.9106,
45.7540

■ 83.7976, 86.4398,
77.5743

■ 66.4680, 64.1421,
33.6890

■ 91.0519, 95.2401,
97.5900

■ 62.0674, 58.0093,
23.9953

95.0500, 100.0000,
108.9000

■ 58.2972, 52.4892,
16.5104

■ 55.1174, 47.5567,
11.0508

■ 52.4819, 43.1840,
7.4031

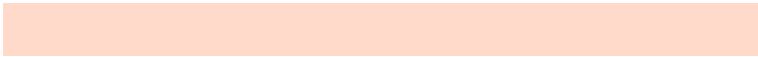
■ 50.3351, 39.3390,
5.3044

■ 49.4245, 37.6290,
4.6582

Harmonies

Analogous

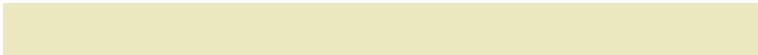
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9969, 78.3329, 66.7096



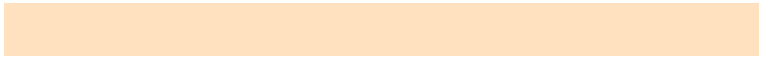
77.2996, 78.3329, 60.3358



72.0458, 78.3329, 60.1062

Triad

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



77.2996, 78.3329, 60.3358



65.0427, 78.3329, 92.4527



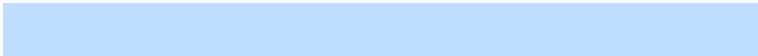
81.7027, 78.3329, 107.9609

Complementary

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



77.2996, 78.3329, 60.3358



65.6563, 70.5367, 104.7622

Split Complementary

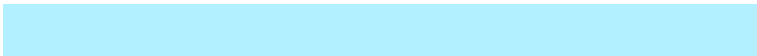
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9134, 78.3329, 116.6803



77.2996, 78.3329, 60.3358



67.3867, 78.3329, 107.0379

Square

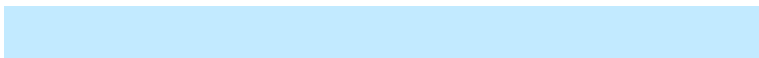
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2996, 78.3329, 60.3358



65.1351, 78.3329, 77.4913



71.6773, 78.3329, 116.3238



84.6198, 78.3329, 93.5977

Rectangle

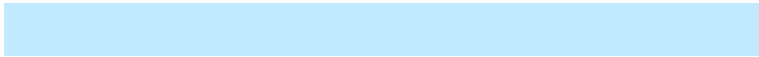
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2996, 78.3329, 60.3358



68.9434, 78.3329, 63.3978



71.6773, 78.3329, 116.3238



80.2487, 78.3329, 111.7208

Sweetspot

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



77.3015, 78.3364, 60.3374



88.8665, 92.6128, 91.4869



73.1906, 63.8501, 78.2794



18.7842, 19.5365, 18.9252



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



77.3015, 78.3364, 60.3374



74.3851, 74.6123, 52.8643



86.4042, 96.5417, 63.3716



18.7842, 19.5365, 18.9252



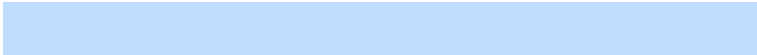
25.9756, 19.9625, 2.4841



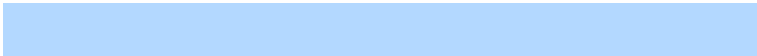
2.6386, 2.1625, 0.2783

Inverse Universe

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



65.6563, 70.5367, 104.7622



60.9653, 65.6247, 104.0614



58.1675, 55.5590, 102.2659



17.7291, 18.8297, 22.9500



13.3126, 11.5348, 50.9594



1.4050, 1.3407, 4.9980

Previews

White Background



This preview shows how the XYZ color 77.2996, 78.3329, 60.3358 looks on a white background.

Color Contrast Check

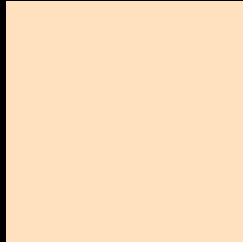
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.2996, 78.3329, 60.3358 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](#).

XYZ 77.2996, 78.3329, 60.3358

Background



This preview shows how black text looks on a background with the XYZ color 77.2996, 78.3329, 60.3358.



This preview shows how white text looks on a background with the XYZ color 77.2996, 78.3329,

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

77.2996, 78.3329, 60.3358

Protanopia

73.9206, 78.5897, 61.7254

Deuteranopia

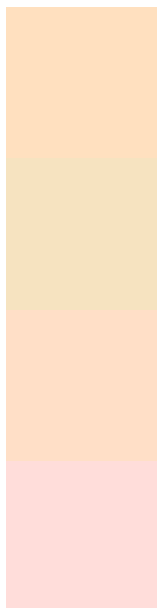
78.4072, 78.3471, 67.4899



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

77.2996, 78.3329, 60.3358

Protanomaly

74.9895, 78.3368, 61.0373

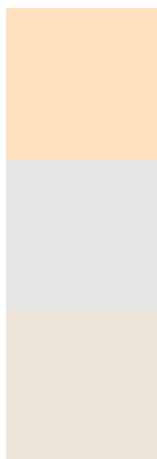
Deuteranomaly

77.9365, 78.1589, 65.0113

Tritanomaly

79.7513, 78.0349, 77.1886

Monochromacy



Original Color

77.2996, 78.3329, 60.3358

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7347, 78.7954, 76.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2996, 78.3329, 60.3358 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(255, 224, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 191)  
}
```

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(255, 224, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 191) }
```

Border

The CSS property to change the border of an element to XYZ 77.2996, 78.3329, 60.3358 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(255, 224, 191) }
```


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

```
.border{ border-color:rgb(255, 224, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2996, 78.3329, 60.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 191) }
```

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

```
.background{ background-color: rgb(255,  
224, 191) }
```

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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