

Converting Colors

XYZ(76.3951, 77.3192, 85.0264)

Have a look what the booklet for
XYZ(76.3951, 77.3192, 85.0264)
contains.

XYZ(76.3951, 77.3192, 85.0264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.3951, 77.3192,
85.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE0E5
RGB	239, 224, 229
RGB Percent	94%, 88%, 90%
CMY	0.0627, 0.1215, 0.1020
CMYK	0.00, 0.06, 0.04, 0.06
HSL	340°, 32%, 91%
HSV	340°, 6%, 94%
XYZ	76.3951, 77.3192, 85.0264
YIQ	229.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

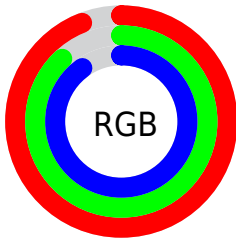
Format	Color
R_{YB}	239, 224, 229
Decimal	15720677
CIE Lab	90.47, 5.97, -0.61
CIE LCh	90, 6.001, 354.187
Yxy	77.3192, 0.3200, 0.3239
Android (android.graphics.Color)	4293910757 (0xFFEFE0E5)
YUV	229.0550, -0.0271, 8.7218
Hunter-Lab	87.9313, 1.2017, 4.2207

Details

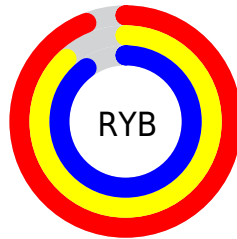
The XYZ color **76.3951, 77.3192, 85.0264** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4612, 83.5228, 89.9375**, and the grayscale version is **74.5149, 78.3955, 85.3727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3564, 41.4992, 45.8748** is the 20% darker color. If you saturate the color by 10%, you get **68.2941, 64.5158, 71.8466**, and if you desaturate by 10%, it is **85.6076, 92.0167, 99.5866**.

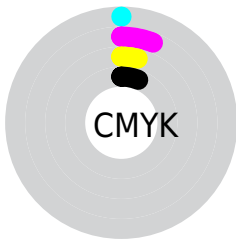
Distribution



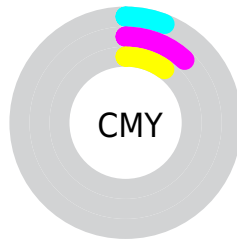
- Red (94%)
- Green (88%)
- Blue (90%)



- Red (94%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3951, 77.3192, 85.0264 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 76.3951, 77.3192, 85.0264 by changing the saturation by 10% instead.


 76.3951, 77.3192,
85.0264

 76.3951, 77.3192,
85.0264


471.6228,
485.8517, 531.8623

 57.0547, 57.5149,
63.3129


127.2626,
129.5900, 142.2846

 41.2895, 41.4188,
45.6518


159.5205,
162.8252, 178.6663

 28.7340, 28.6465,
31.6244

196.8149,
201.3062, 220.7746

 19.0230, 18.8135,
20.8124

239.5113,
245.4174, 269.0279

 11.7910, 11.5356,
12.7970

287.9749,
295.5431, 323.8447

 6.6727, 6.4283,
7.1598

342.5711,

 3.3028, 3.1072,

352.0678, 385.6437

3.4823

403.6652,
415.3759, 454.8434

■ 1.3158, 1.1880,
1.3459

■ 0.1950, 0.0518,
0.0989

■ 76.3951, 77.3192,
85.0264

■ 76.3951, 77.3192,
85.0264

■ 68.2941, 64.5158,
71.8466

■ 85.6076, 92.0167,
99.5866

■ 61.2552, 53.5193,
60.0009

■ 89.4070, 97.0909,
108.6359

■ 55.2347, 44.2506,
49.4476

■ 50.1836, 36.6210,
40.1408

■ 46.0482, 30.5335,
32.0316

■ 42.7698, 25.8811,
25.0679

■ 40.2823, 22.5428,
19.1930

■ 38.5090, 20.3773,
14.3444

■ 37.3558, 19.2091,
10.4508

Harmonies

Analogous

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



75.8523, 77.3192, 89.1115



76.3951, 77.3192, 85.0264



76.1509, 77.3192, 80.8498

Triad

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



76.3951, 77.3192, 85.0264



72.3147, 77.3192, 76.8783



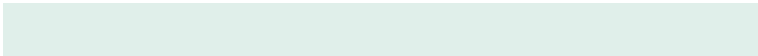
71.8156, 77.3192, 91.0619

Complementary

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



76.3951, 77.3192, 85.0264



76.4612, 83.5228, 89.9375

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.



70.8910, 77.3192, 87.6158



76.3951, 77.3192, 85.0264



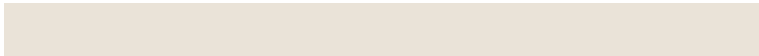
71.1765, 77.3192, 79.4482

Square

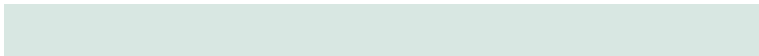
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3951, 77.3192, 85.0264



73.7819, 77.3192, 76.2378



70.6587, 77.3192, 83.3541



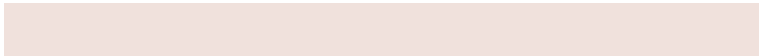
73.1980, 77.3192, 92.6714

Rectangle

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



76.3951, 77.3192, 85.0264



75.5762, 77.3192, 78.5629



70.6587, 77.3192, 83.3541



71.4417, 77.3192, 90.0743

Sweetspot

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



76.3973, 77.3226, 85.0281



92.9017, 96.5720, 105.5065



76.1699, 77.0394, 92.5178



19.9073, 20.7063, 22.6184



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.



76.3973, 77.3226, 85.0281



86.7704, 86.8225, 95.7150



76.3862, 78.4008, 81.6320



15.9900, 15.8457, 17.5035



20.5183, 10.4797, 5.3799



1.7514, 0.8896, 0.6817

Inverse Universe

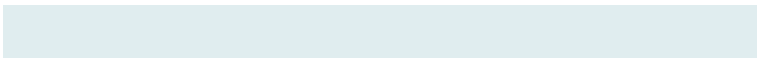
The Inverse Universe completely reimagines the original color for something new.



76.3973, 77.3226, 85.0281



86.7704, 86.8225, 95.7150



76.4626, 82.3607, 93.5295



15.9900, 15.8457, 17.5035



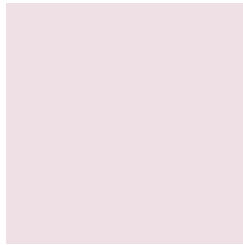
20.5183, 10.4797, 5.3799



1.7514, 0.8896, 0.6817

Previews

White Background



This preview shows how the XYZ color 76.3951, 77.3192, 85.0264 looks on a white background.

Color Contrast Check

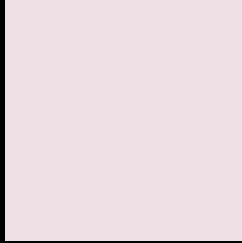
Large Text (above 18pt) WCAG AA × Fail

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 76.3951, 77.3192, 85.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

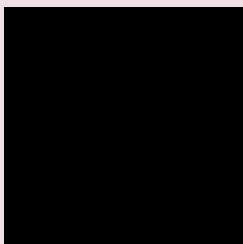
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

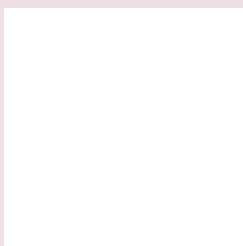
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3951, 77.3192, 85.0264

Background



This preview shows how black text looks on a background with the XYZ color 76.3951, 77.3192, 85.0264.



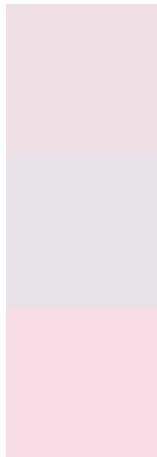
This preview shows how white text looks on a background with the XYZ color 76.3951, 77.3192,

85.0264.

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

76.3951, 77.3192, 85.0264

Protanopia

74.7070, 77.6403, 85.9115

Deuteranopia

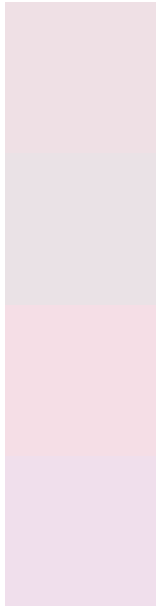
79.2063, 77.5658, 85.6600



Tritanopia

78.1251, 77.2346, 93.2282

Trichromacy



Original Color

76.3951, 77.3192, 85.0264

Protanomaly

75.4110, 77.5983, 85.8663

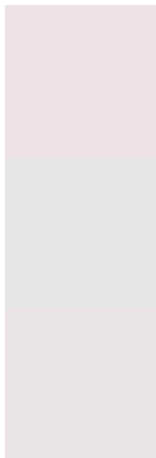
Deuteranomaly

78.0604, 77.3682, 85.6822

Tritanomaly

77.4632, 77.3567, 90.2055

Monochromacy



Original Color

76.3951, 77.3192, 85.0264

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2162, 77.9190, 85.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3951, 77.3192, 85.0264 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, 224, 229) looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 229)  
}
```

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, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 229) }
```

Border

The CSS property to change the border of an element to XYZ 76.3951, 77.3192, 85.0264 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, 224, 229) }
```


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

```
.border{ border-color:rgb(239, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3951, 77.3192, 85.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 229) }
```

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

```
.background{ background-color: rgb(239,  
224, 229) }
```

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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