

Converting Colors

XYZ(77.4368, 85.3428, 78.4353)

Have a look what the booklet for
XYZ(77.4368, 85.3428, 78.4353)
contains.

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Color

**XYZ(77.3889, 85.1284,
78.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F1DA
RGB	232, 241, 218
RGB Percent	91%, 95%, 85%
CMY	0.0902, 0.0549, 0.1451
CMYK	0.04, 0.00, 0.10, 0.05
HSL	83°, 45%, 90%
HSV	83°, 10%, 95%
XYZ	77.3889, 85.1284, 78.6823
YIQ	235.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

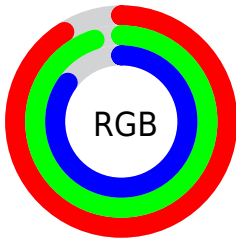
Format	Color
RYB	218, 241, 227
Decimal	15266266
CIELab	93.94, -6.98, 10.07
CIELCh	94, 12.256, 124.716
Yxy	85.1284, 0.3209, 0.3529
Android (android.graphics.Color)	4293456346 (0xFFE8F1DA)
YUV	235.6870, -8.7197, -3.2335
Hunter-Lab	92.2651, -11.7439, 14.0239

Details

The XYZ color **77.3889, 85.1284, 78.6823** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6306, 72.8270, 93.4526**, and the grayscale version is **79.5550, 83.6980, 91.1472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8643, 46.5724, 41.4332** is the 20% darker color. If you saturate the color by 10%, you get **71.4818, 82.4240, 63.1228**, and if you desaturate by 10%, it is **83.9238, 88.1084, 96.6685**.

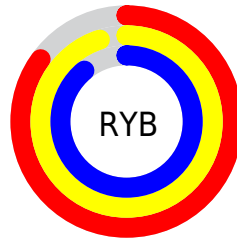
Distribution



Red (91%)

Green (95%)

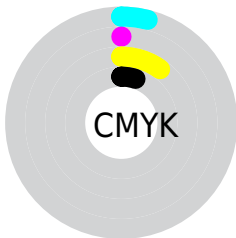
Blue (85%)



Red (85%)

Yellow (95%)

Blue (89%)

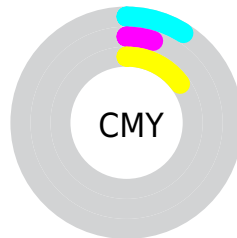


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3889, 85.1284, 78.6823 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 77.3889, 85.1284, 78.6823 by changing the saturation by 10% instead.

77.3889, 85.1284,
78.6823

77.3889, 85.1284,
78.6823

474.9606,
512.0528, 510.0701

57.8732, 63.9475,
58.1149

128.6582,
140.5526, 133.3061

41.9495, 46.6081,
41.4857

161.1425,
175.5646, 168.1996

29.2527, 32.7260,
28.3762

198.6804,
215.9558, 208.7055

19.4173, 21.9166,
18.3680

241.6372,
262.1105, 255.2423

12.0780, 13.7956,
11.0423

290.3782,
314.4132, 308.2286

6.8694, 7.9787,
5.9808

345.2689,

3.4262, 4.0813,

373.2482, 368.0830

2.7648

406.6746,
439.0000, 435.2240

■ 1.3829, 1.7191,
0.9758

■ 0.2440, 0.4360,
0.0000

■ 77.3889, 85.1284,
78.6823

■ 77.3889, 85.1284,
78.6823

■ 71.4818, 82.4240,
63.1228

■ 83.9238, 88.1084,
96.6685

■ 66.1731, 79.9748,
49.8804

■ 89.2435, 90.6190,
107.3953

■ 61.4415, 77.7749,
38.8457

■ 90.7470, 91.3940,
107.4657

■ 57.2614, 75.8137,
29.8981

■ 53.6049, 74.0797,
22.9052

■ 50.4414, 72.5604,
17.7198

■ 47.7359, 71.2413,
14.1738

■ 45.4476, 70.1059,
12.0674

■ 43.5127, 69.1283,
11.0812

Harmonies

Analogous

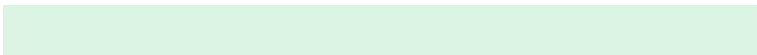
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3969, 85.1284, 75.9008



77.3889, 85.1284, 78.6823



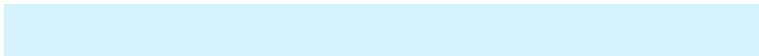
75.3669, 85.1284, 85.2209

Triad

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



77.3889, 85.1284, 78.6823



78.2600, 85.1284, 109.9173



87.3317, 85.1284, 91.2200

Complementary

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



77.3889, 85.1284, 78.6823



72.6306, 72.8270, 93.4526

Split Complementary

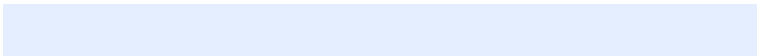
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7226, 85.1284, 100.5840



77.3889, 85.1284, 78.6823



81.4292, 85.1284, 111.7895

Square

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



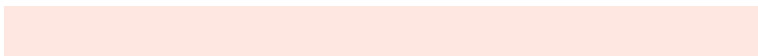
77.3889, 85.1284, 78.6823



75.8603, 85.1284, 103.3120



84.5404, 85.1284, 108.2695



86.1831, 85.1284, 82.8229

Rectangle

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



77.3889, 85.1284, 78.6823



74.8200, 85.1284, 91.0443



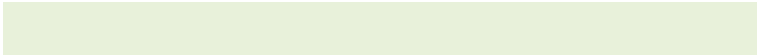
84.5404, 85.1284, 108.2695



87.3259, 85.1284, 94.3562

Sweetspot

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



77.3912, 85.1321, 78.6841



92.7494, 98.9535, 102.4906



76.3526, 78.6036, 77.4788



19.7230, 21.1213, 21.5799



0.0000, 0.0000, 0.0000



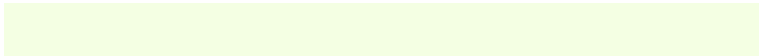
20.3446, 21.4041, 23.3091

Same Dimension

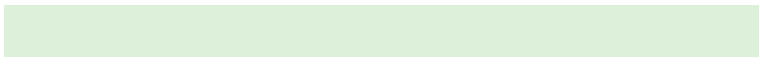
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3912, 85.1321, 78.6841



86.9334, 96.3000, 86.6427



73.8353, 83.2990, 78.5177



16.4891, 18.1323, 16.7805



23.7054, 37.5422, 5.9970



2.0833, 3.1805, 0.5041

Inverse Universe

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



72.6306, 72.8270, 93.4526



80.7418, 80.2958, 105.8508



76.3181, 74.7279, 93.6252



15.4825, 15.5305, 19.9033



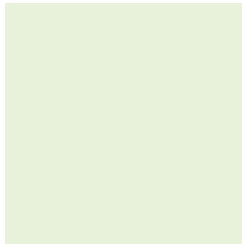
11.2726, 4.8166, 45.4634



1.0463, 0.4566, 3.7872

Previews

White Background



This preview shows how the XYZ color 77.3889, 85.1284, 78.6823 looks on a white background.

Color Contrast Check

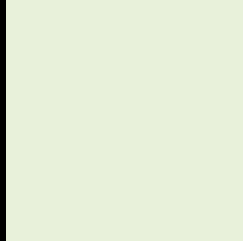
Large Text (above 18pt) WCAG AA × Fail

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 77.3889, 85.1284, 78.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

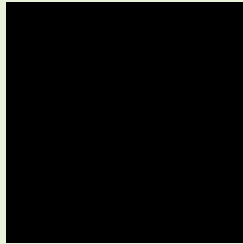
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

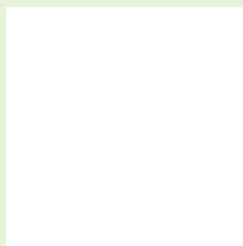
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3889, 85.1284, 78.6823

Background



This preview shows how black text looks on a background with the XYZ color 77.3889, 85.1284, 78.6823.



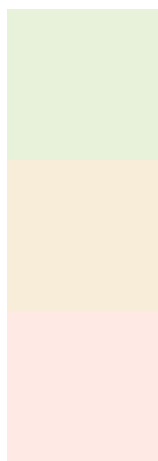
This preview shows how white text looks on a background with the XYZ color 77.3889, 85.1284,

78.6823.

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

77.3889, 85.1284, 78.6823

Protanopia

81.0366, 85.3004, 77.1593

Deuteranopia

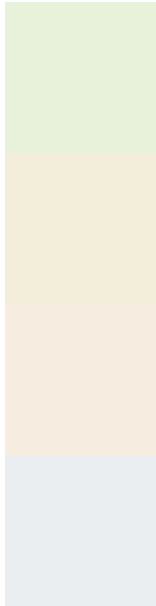
84.3825, 85.1393, 85.3849



Tritanopia

82.8099, 85.1512, 105.8372

Trichromacy



Original Color

77.3889, 85.1284, 78.6823

Protanomaly

79.7169, 85.0361, 77.8577

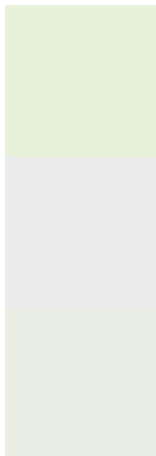
Deuteranomaly

81.8078, 85.1469, 82.6443

Tritanomaly

80.7127, 85.1621, 95.4030

Monochromacy



Original Color

77.3889, 85.1284, 78.6823

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.9783, 84.4684, 86.2702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3889, 85.1284, 78.6823 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(232, 241, 218) looks like.

```
.text, #text, p{  
    color:rgb(232, 241, 218)  
}
```

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(232, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 241, 218) }
```

Border

The CSS property to change the border of an element to XYZ 77.3889, 85.1284, 78.6823 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(232, 241, 218) }
```


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

```
.border{ border-color:rgb(232, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 241,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3889, 85.1284, 78.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 241, 218) }
```

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

```
.background{ background-color: rgb(232,  
241, 218) }
```

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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