

Converting Colors

XYZ(75.9637, 82.8504, 80.6919)

Have a look what the booklet for
XYZ(75.9637, 82.8504, 80.6919)
contains.

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Color

**XYZ(75.9388, 83.0275,
80.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EEDD
RGB	229, 238, 221
RGB Percent	90%, 93%, 87%
CMY	0.1020, 0.0666, 0.1333
CMYK	0.04, 0.00, 0.07, 0.07
HSL	92°, 33%, 90%
HSV	92°, 7%, 93%
XYZ	75.9388, 83.0275, 80.4301
YIQ	233.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

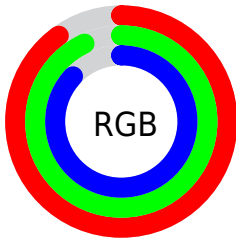
Format	Color
R_{YB}	221, 238, 230
Decimal	15068893
CIE Lab	93.03, -5.98, 7.18
CIE LCh	93, 9.349, 129.796
Yxy	83.0275, 0.3172, 0.3468
Android (android.graphics.Color)	4293258973 (0xFFE5EEDD)
YUV	233.3710, -6.0989, -3.8334
Hunter-Lab	91.1194, -10.6974, 11.4490

Details

The XYZ color **75.9388, 83.0275, 80.4301** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9253, 74.7111, 91.4176**, and the grayscale version is **77.7781, 81.8286, 89.1113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0664, 45.2077, 42.6379** is the 20% darker color. If you saturate the color by 10%, you get **69.1140, 79.8524, 64.7146**, and if you desaturate by 10%, it is **83.5098, 86.5401, 98.5305**.

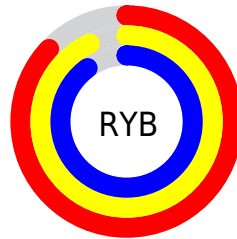
Distribution



Red (90%)

Green (93%)

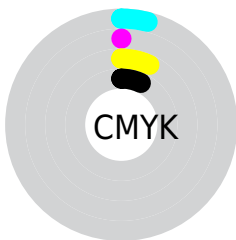
Blue (87%)



Red (87%)

Yellow (93%)

Blue (90%)

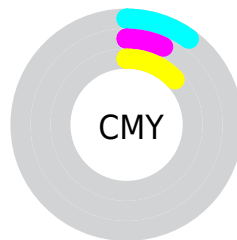


Cyan (4%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9388, 83.0275, 80.4301 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 75.9388, 83.0275, 80.4301 by changing the saturation by 10% instead.

75.9388, 83.0275,
80.4301

75.9388, 83.0275,
80.4301

470.0858,
505.0782, 516.1261

56.6792, 62.2128,
59.5441

126.6212,
137.6140, 135.7871

40.9869, 45.2047,
42.6284

158.7747,
172.1546, 171.0952

28.4965, 31.6187,
29.2644

195.9570,
212.0393, 212.0478

18.8426, 21.0704,
19.0336

238.5332,
257.6525, 259.0633

11.6599, 13.1755,
11.5175

286.8689,
309.3786, 312.5603

6.5831, 7.5495,
6.2975

341.3293,

3.2468, 3.8081,

367.6020, 372.9575

2.9551

402.2798,
432.7070, 440.6732

■ 1.2856, 1.5668,
1.0718

■ 0.1724, 0.3350,
0.0000

■ 75.9388, 83.0275,
80.4301

■ 75.9388, 83.0275,
80.4301

■ 69.1140, 79.8524,
64.7146

■ 83.5098, 86.5401,
98.5305

■ 63.0036, 76.9934,
51.2793

■ 89.5752, 89.4823,
107.1584

■ 57.5833, 74.4427,
40.0195

■ 89.8661, 89.6323,
107.1720

■ 52.8247, 72.1883,
30.8205

■ 48.6973, 70.2171,
23.5567

■ 45.1677, 68.5148,
18.0892

■ 42.1985, 67.0658,
14.2601

■ 39.7469, 65.8520,
11.8845

■ 37.7593, 64.8510,
10.7226

Harmonies

Analogous

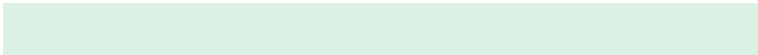
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1165, 83.0275, 77.7516



75.9388, 83.0275, 80.4301



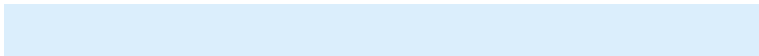
74.5771, 83.0275, 85.8239

Triad

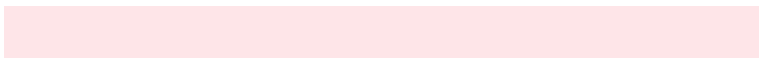
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9388, 83.0275, 80.4301



77.2997, 83.0275, 103.6616



83.6479, 83.0275, 88.1272

Complementary

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



75.9388, 83.0275, 80.4301



73.9253, 74.7111, 91.4176

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.



83.4182, 83.0275, 95.1418



75.9388, 83.0275, 80.4301



79.7192, 83.0275, 104.3569

Square

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



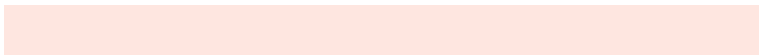
75.9388, 83.0275, 80.4301



75.3515, 83.0275, 99.3141



81.9683, 83.0275, 101.1676



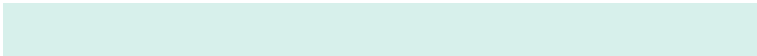
82.5895, 83.0275, 82.0412

Rectangle

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



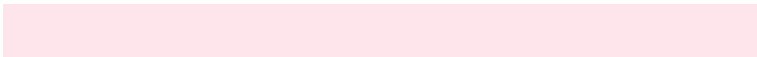
75.9388, 83.0275, 80.4301



74.2984, 83.0275, 90.3548



81.9683, 83.0275, 101.1676



83.7193, 83.0275, 90.4509

Sweetspot

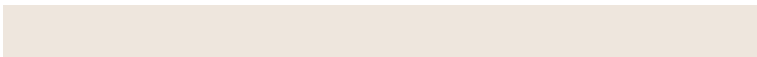
The Sweet Spot groups the original color and five complimentary colors.



75.9411, 83.0311, 80.4319



93.2530, 99.1672, 104.5865



76.5507, 79.8738, 79.7904



19.9789, 21.2346, 22.4310



0.0000, 0.0000, 0.0000



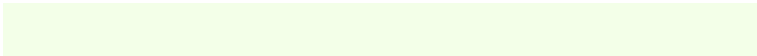
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9411, 83.0311, 80.4319



87.2421, 96.3766, 90.3856



73.4846, 81.7604, 80.5142



16.2731, 18.0209, 16.7704



20.9302, 36.1115, 5.8671



1.8551, 3.0629, 0.4934

Inverse Universe

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



73.9253, 74.7111, 91.4176



84.2993, 84.2308, 106.4229



76.5105, 76.0486, 91.3213



15.6964, 15.6407, 19.9133



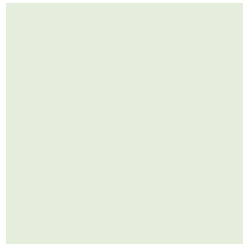
13.5632, 5.9975, 45.5706



1.2432, 0.5581, 3.7964

Previews

White Background



This preview shows how the XYZ color 75.9388, 83.0275, 80.4301 looks on a white background.

Color Contrast Check

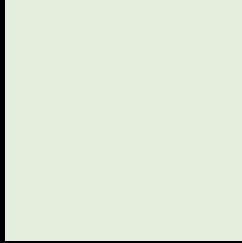
Large Text (above 18pt) WCAG AA × Fail

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 75.9388, 83.0275, 80.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

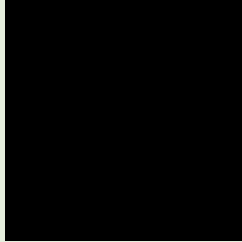
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

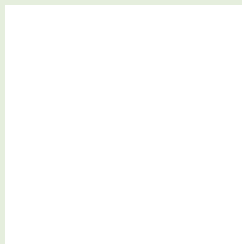
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9388, 83.0275, 80.4301

Background



This preview shows how black text looks on a background with the XYZ color 75.9388, 83.0275, 80.4301.



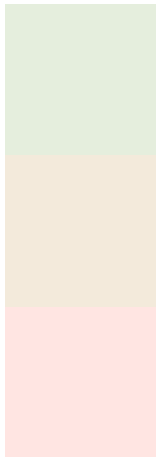
This preview shows how white text looks on a background with the XYZ color 75.9388, 83.0275,

80.4301.

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

75.9388, 83.0275, 80.4301

Protanopia

79.1711, 83.0148, 78.8685

Deuteranopia

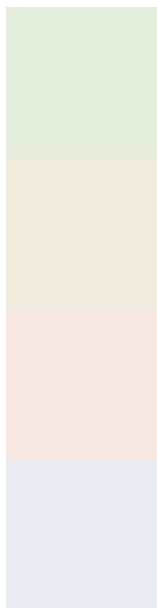
82.9868, 82.7896, 83.5576



Tritanopia

80.6413, 82.7985, 103.8269

Trichromacy



Original Color

75.9388, 83.0275, 80.4301

Protanomaly

77.8865, 82.7611, 79.5796

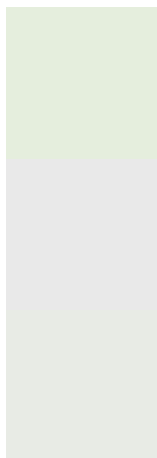
Deuteranomaly

80.3172, 82.6879, 82.2482

Tritanomaly

78.8642, 82.9233, 95.0683

Monochromacy



Original Color

75.9388, 83.0275, 80.4301

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.1299, 82.2296, 85.9355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9388, 83.0275, 80.4301 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(229, 238, 221) looks like.

```
.text, #text, p{  
    color:rgb(229, 238, 221)  
}
```

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(229, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.9388, 83.0275, 80.4301 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(229, 238, 221) }
```


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

```
.border{ border-color:rgb(229, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9388, 83.0275, 80.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 238, 221) }
```

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

```
.background{ background-color: rgb(229,  
238, 221) }
```

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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