

Converting Colors

XYZ(75.8043, 85.1191, 82.2504)

Have a look what the booklet for
XYZ(75.8043, 85.1191, 82.2504)
contains.

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Color

**XYZ(75.8013, 85.1169,
82.2461)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF3DF
RGB	223, 243, 223
RGB Percent	87%, 95%, 87%
CMY	0.1255, 0.0470, 0.1255
CMYK	0.08, 0.00, 0.08, 0.05
HSL	120°, 45%, 91%
HSV	120°, 8%, 95%
XYZ	75.8013, 85.1169, 82.2461
YIQ	234.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

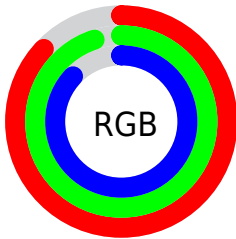
Format	Color
R _Y B	223, 243, 243
Decimal	14676959
CIE Lab	93.93, -10.17, 7.40
CIE LCh	94, 12.578, 143.982
Yxy	85.1169, 0.3117, 0.3500
Android (android.graphics.Color)	4292867039 (0xFFDFF3DF)
YUV	234.7400, -5.7878, -10.2960
Hunter-Lab	92.2588, -14.7945, 11.7258

Details

The XYZ color **75.8013, 85.1169, 82.2461** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5306, 78.3032, 95.7204**, and the grayscale version is **78.8155, 82.9201, 90.3000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9867, 46.6926, 43.8981** is the 20% darker color. If you saturate the color by 10%, you get **65.8004, 80.3154, 65.8859**, and if you desaturate by 10%, it is **87.3518, 90.6677, 101.1368**.

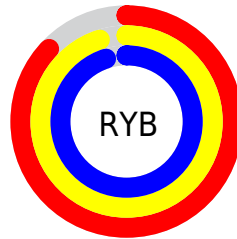
Distribution



Red (87%)

Green (95%)

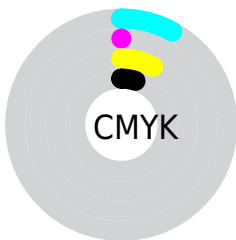
Blue (87%)



Red (87%)

Yellow (95%)

Blue (95%)

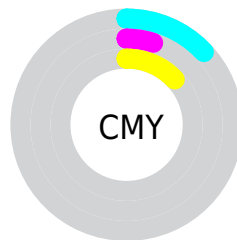


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (13%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8013, 85.1169, 82.2461 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 75.8013, 85.1169, 82.2461 by changing the saturation by 10% instead.

75.8013, 85.1169,
82.2461

75.8013, 85.1169,
82.2461

469.6221,
512.0148, 522.3756

56.5661, 63.9380,
61.0314

126.4278,
140.5365, 138.3588

40.8957, 46.6004,
43.8198

158.5499,
175.5459, 174.0940

28.4249, 32.7199,
30.1927

195.6982,
215.9344, 215.5063

18.7883, 21.9120,
19.7316

238.2382,
262.0862, 263.0145

11.6205, 13.7922,
12.0180

286.5353,
314.3857, 317.0369

6.5562, 7.9763,
6.6332

340.9547,

3.2300, 4.0798,

373.2174, 377.9922

3.1589

401.8618,
438.9656, 446.2989

■ 1.2765, 1.7183,
1.1763

■ 0.1655, 0.4355,
0.0000

■ 75.8013, 85.1169,
82.2461

■ 75.8013, 85.1169,
82.2461

■ 65.8004, 80.3154,
65.8859

■ 87.3518, 90.6677,
101.1368

■ 57.2764, 76.2209,
51.9434

■ 91.3423, 92.5845,
107.6641

■ 50.1615, 72.8033,
40.3058

■ 44.3800, 70.0261,
30.8490

■ 39.8487, 67.8496,
23.4372

■ 36.4755, 66.2292,
17.9196

■ 34.1554, 65.1148,
14.1245

■ 32.7645, 64.4467,
11.8493

■ 32.1296, 64.1417,
10.8107

Harmonies

Analogous

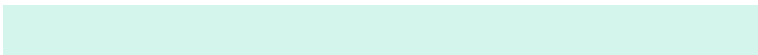
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3107, 85.1169, 76.8215



75.8013, 85.1169, 82.2461



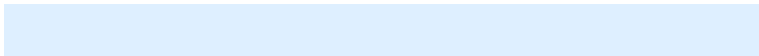
74.6618, 85.1169, 90.7569

Triad

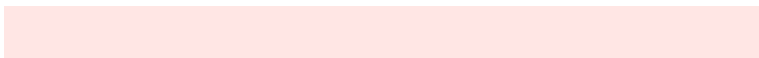
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8013, 85.1169, 82.2461



80.2275, 85.1169, 112.2643



86.9312, 85.1169, 85.3790

Complementary

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



75.8013, 85.1169, 82.2461



79.5306, 78.3032, 95.7204

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.



87.4786, 85.1169, 94.6256



75.8013, 85.1169, 82.2461



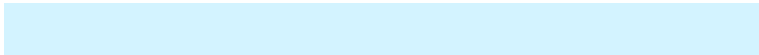
83.5479, 85.1169, 110.5784

Square

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



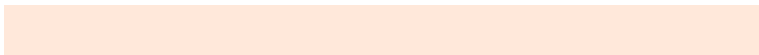
75.8013, 85.1169, 82.2461



77.1715, 85.1169, 108.4166



86.2246, 85.1169, 103.9563



84.7489, 85.1169, 78.5411

Rectangle

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



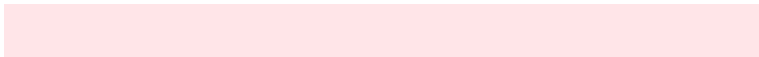
75.8013, 85.1169, 82.2461



74.8092, 85.1169, 97.2077



86.2246, 85.1169, 103.9563



87.3150, 85.1169, 88.2909

Sweetspot

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



75.8037, 85.1205, 82.2480



92.3882, 98.7214, 104.5461



82.3358, 88.4880, 82.5534



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



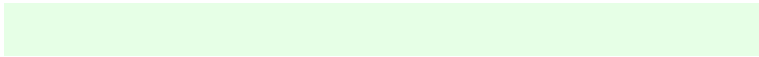
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8037, 85.1205, 82.2480



82.4458, 93.9455, 88.2837



77.1926, 85.6761, 89.5621



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



79.5306, 78.3032, 95.7204



87.4478, 84.7957, 106.3655



78.0606, 77.7152, 87.9797



17.2137, 16.7683, 20.8718



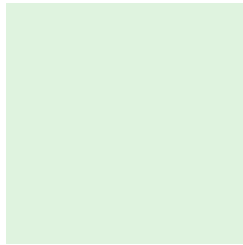
29.1646, 14.0093, 47.7027



2.5633, 1.2313, 4.1926

Previews

White Background



This preview shows how the XYZ color 75.8013, 85.1169, 82.2461 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 75.8013, 85.1169, 82.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

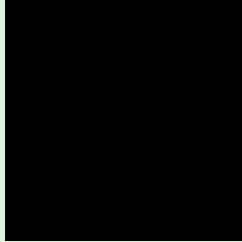
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

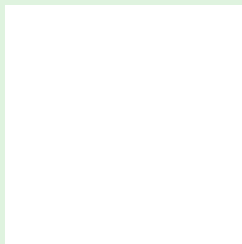
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8013, 85.1169, 82.2461

Background



This preview shows how black text looks on a background with the XYZ color 75.8013, 85.1169, 82.2461.



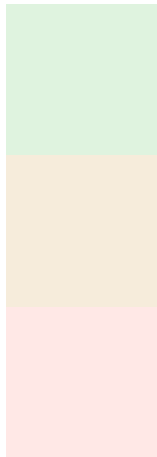
This preview shows how white text looks on a background with the XYZ color 75.8013, 85.1169,

82.2461.

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

75.8013, 85.1169, 82.2461

Protanopia

80.7877, 84.6982, 79.1083

Deuteranopia

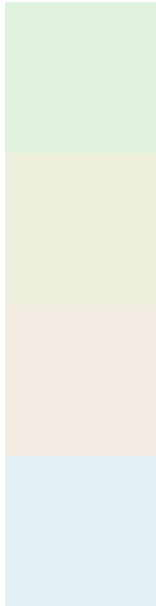
84.3795, 84.6864, 86.7617



Tritanopia

80.9376, 85.0271, 106.7537

Trichromacy



Original Color

75.8013, 85.1169, 82.2461

Protanomaly

79.0447, 85.0775, 79.9656

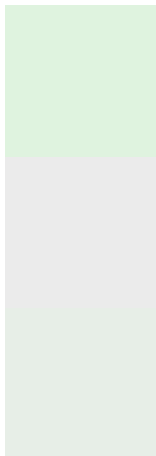
Deuteranomaly

80.8227, 84.5916, 84.7411

Tritanomaly

79.0163, 85.1221, 97.0596

Monochromacy



Original Color

75.8013, 85.1169, 82.2461

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9533, 83.9075, 87.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8013, 85.1169, 82.2461 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(223, 243, 223)` looks like.

```
.text, #text, p{  
    color:rgb(223, 243, 223)  
}
```

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(223, 243, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 243, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.8013, 85.1169, 82.2461 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(223, 243, 223) }
```


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

```
.border{ border-color:rgb(223, 243, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 243, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 243, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 243, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 243,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8013, 85.1169, 82.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 243, 223) }
```

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

```
.background{ background-color: rgb(223,  
243, 223) }
```

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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