

Converting Colors

XYZ(75.2803, 81.3330, 82.2885)

Have a look what the booklet for
XYZ(75.2803, 81.3330, 82.2885)
contains.

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Color

**XYZ(75.1578, 81.2925,
82.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EBE0
RGB	228, 235, 224
RGB Percent	89%, 92%, 88%
CMY	0.1059, 0.0784, 0.1216
CMYK	0.03, 0.00, 0.05, 0.08
HSL	98°, 22%, 90%
HSV	98°, 5%, 92%
XYZ	75.1578, 81.2925, 82.2508
YIQ	231.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

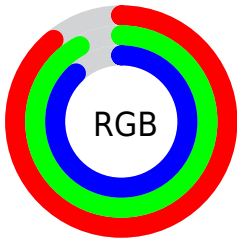
Format	Color
R_{YB}	224, 235, 231
Decimal	15002592
CIE _{Lab}	92.26, -4.28, 4.51
CIE _{LCh}	92, 6.220, 133.521
Yxy	81.2925, 0.3149, 0.3406
Android (android.graphics.Color)	4293192672 (0xFFE4EBE0)
YUV	231.6530, -3.7729, -3.2037
Hunter-Lab	90.1624, -8.9896, 9.0262

Details

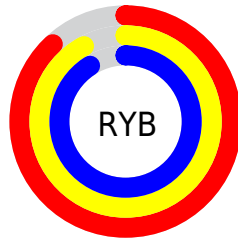
The XYZ color **75.1578, 81.2925, 82.2508** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.6092, 76.3006, 89.3967**, and the grayscale version is **76.4720, 80.4545, 87.6149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5151, 43.9890, 43.8915** is the 20% darker color. If you saturate the color by 10%, you get **67.6469, 77.7660, 66.3961**, and if you desaturate by 10%, it is **83.5244, 85.2139, 100.4483**.

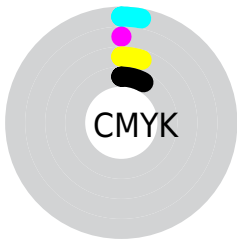
Distribution



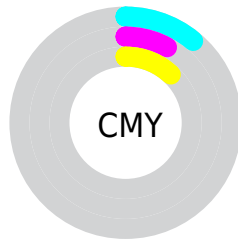
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1578, 81.2925, 82.2508 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 75.1578, 81.2925, 82.2508 by changing the saturation by 10% instead.

■ 75.1578, 81.2925,
82.2508

■ 75.1578, 81.2925,
82.2508

467.4486,
499.2780, 522.3917

■ 56.0368, 60.7825,
61.0353

125.5224,
135.1814, 138.3655

■ 40.4695, 44.0497,
43.8229

157.4968,
169.3291, 174.1017

■ 28.0907, 30.7096,
30.1951

194.4863,
208.7915, 215.5153

■ 18.5348, 20.3778,
19.7334

236.8563,
253.9531, 263.0247

■ 11.4366, 12.6700,
12.0193

284.9722,
305.1981, 317.0485

■ 6.4308, 7.2017,
6.6341

339.1993,

■ 3.1519, 3.5885,

362.9110, 378.0052

3.1594

399.9030,
427.4762, 446.3134

■ 1.2346, 1.4462,
1.1766

■ 0.1334, 0.2504,
0.0000

■ 75.1578, 81.2925,
82.2508

■ 75.1578, 81.2925,
82.2508

■ 67.6469, 77.7660,
66.3961

■ 83.5244, 85.2139,
100.4483

■ 60.9567, 74.6114,
52.7840

■ 88.9999, 87.8999,
106.8833

■ 55.0594, 71.8190,
41.3145

■ 49.9232, 69.3747,
31.8783

■ 45.5137, 67.2635,
24.3564

■ 41.7938, 65.4690,
18.6173

■ 38.7224, 63.9733,
14.5129

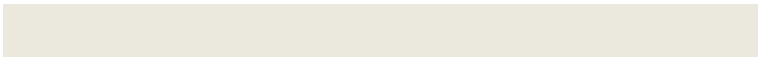
■ 36.2532, 62.7563,
11.8713

■ 34.3315, 61.7944,
10.4820

Harmonies

Analogous

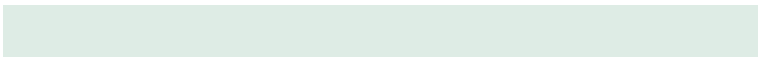
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5459, 81.2925, 80.1856



75.1578, 81.2925, 82.2508



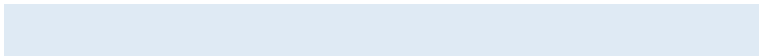
74.3408, 81.2925, 86.0272

Triad

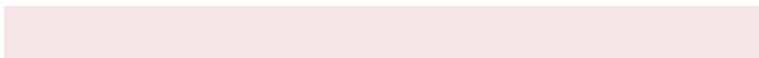
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1578, 81.2925, 82.2508



76.3929, 81.2925, 97.2735



80.3094, 81.2925, 86.4608

Complementary

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



75.1578, 81.2925, 82.2508



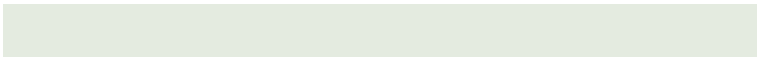
74.6092, 76.3006, 89.3967

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.



80.2671, 81.2925, 91.0477



75.1578, 81.2925, 82.2508



77.9908, 81.2925, 97.3994

Square

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



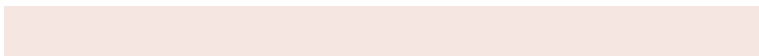
75.1578, 81.2925, 82.2508



75.0471, 81.2925, 94.7484



79.4134, 81.2925, 95.0867



79.5283, 81.2925, 82.5588

Rectangle

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



75.1578, 81.2925, 82.2508



74.2229, 81.2925, 89.0583



79.4134, 81.2925, 95.0867



80.3913, 81.2925, 87.9713

Sweetspot

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



75.1601, 81.2960, 82.2526



94.0475, 99.5303, 106.7242



76.2853, 80.1806, 81.9780



20.1406, 21.3085, 22.8663



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.



75.1601, 81.2960, 82.2526



89.1910, 97.2529, 96.2754



74.1056, 80.7293, 83.2465



15.8529, 17.3482, 17.0061



18.7679, 34.2197, 5.6159



1.5760, 2.7398, 0.4458

Inverse Universe

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



74.6092, 76.3006, 89.3967



88.3454, 89.5842, 107.2429



75.7040, 76.8894, 88.3458



15.6872, 15.8463, 19.1541



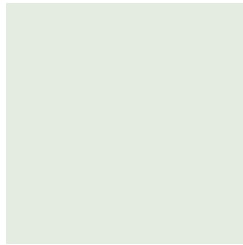
15.4478, 6.9996, 44.2798



1.3179, 0.6037, 3.4819

Previews

White Background



This preview shows how the XYZ color 75.1578, 81.2925, 82.2508 looks on a white background.

Color Contrast Check

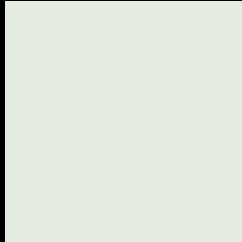
Large Text (above 18pt) WCAG AA × Fail

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 75.1578, 81.2925, 82.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

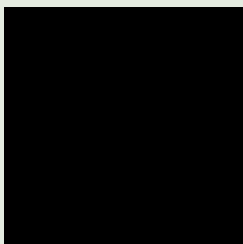
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

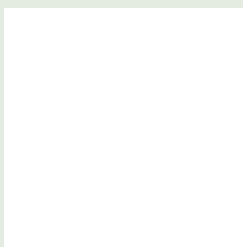
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1578, 81.2925, 82.2508

Background



This preview shows how black text looks on a background with the XYZ color 75.1578, 81.2925, 82.2508.



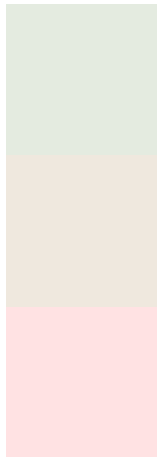
This preview shows how white text looks on a background with the XYZ color 75.1578, 81.2925,

82.2508.

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

75.1578, 81.2925, 82.2508

Protanopia

77.6380, 81.3379, 80.7151

Deuteranopia

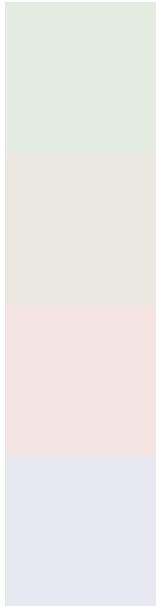
82.3015, 81.1988, 84.0082



Tritanopia

78.9535, 81.1472, 101.1242

Trichromacy



Original Color

75.1578, 81.2925, 82.2508

Protanomaly

76.7191, 81.2677, 81.4547

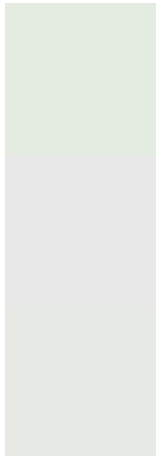
Deuteranomaly

79.4030, 80.9421, 83.3899

Tritanomaly

77.5398, 80.9934, 93.9846

Monochromacy



Original Color

75.1578, 81.2925, 82.2508

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2368, 80.9239, 85.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1578, 81.2925, 82.2508 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(228, 235, 224) looks like.

```
.text, #text, p{  
    color:rgb(228, 235, 224)  
}
```

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(228, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.1578, 81.2925, 82.2508 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(228, 235, 224) }
```


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

```
.border{ border-color:rgb(228, 235, 224) }
```

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

Here you see how a box with a 4 pixel rgb(228, 235, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 235,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1578, 81.2925, 82.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 235, 224) }
```

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

```
.background{ background-color: rgb(228,  
235, 224) }
```

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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