

Converting Colors

XYZ(75.3586, 81.3281, 77.0890)

Have a look what the booklet for
XYZ(75.3586, 81.3281, 77.0890)
contains.

XYZ(75.5114, 81.5822, 77.4127)	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(75.5114, 81.5822,
77.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EBD9
RGB	232, 235, 217
RGB Percent	91%, 92%, 85%
CMY	0.0902, 0.0784, 0.1490
CMYK	0.01, 0.00, 0.08, 0.08
HSL	70°, 31%, 89%
HSV	70°, 8%, 92%
XYZ	75.5114, 81.5822, 77.4127
YIQ	232.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

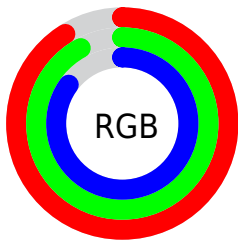
Format	Color
R _Y B	217, 235, 220
Decimal	15264729
CIE Lab	92.39, -4.11, 8.38
CIE LCh	92, 9.331, 116.155
Yxy	81.5822, 0.3220, 0.3479
Android (android.graphics.Color)	4293454809 (0xFFE8EBD9)
YUV	232.0510, -7.4201, -0.0447
Hunter-Lab	90.3229, -8.8361, 12.4105

Details

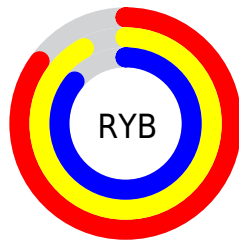
The XYZ color **75.5114, 81.5822, 77.4127** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.3266, 70.8417, 88.6215**, and the grayscale version is **76.7935, 80.7928, 87.9833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5462, 44.0789, 40.5535** is the 20% darker color. If you saturate the color by 10%, you get **71.4117, 79.7995, 62.3848**, and if you desaturate by 10%, it is **80.0794, 83.5608, 94.7381**.

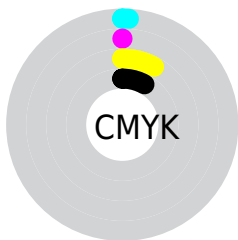
Distribution



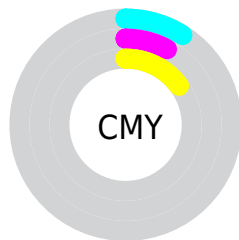
- Red (91%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5114, 81.5822, 77.4127 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 75.5114, 81.5822, 77.4127 by changing the saturation by 10% instead.

■ 75.5114, 81.5822,
77.4127

■ 75.5114, 81.5822,
77.4127

468.6436,
500.2491, 505.6450

■ 56.3276, 61.0212,
57.0781

126.0200,
135.5879, 131.5002

■ 40.7037, 44.2423,
40.6581

158.0756,
169.8015, 166.0902

■ 28.2743, 30.8610,
27.7344

195.1525,
209.3347, 206.2690

■ 18.6740, 20.4930,
17.8882

237.6160,
254.5719, 252.4552

■ 11.5376, 12.7539,
10.7012

285.8315,
305.8976, 305.0674

■ 6.4996, 7.2593,
5.7546

340.1644,

■ 3.1947, 3.6248,

363.6961, 364.5241

2.6301

400.9800,
428.3518, 431.2437

■ 1.2575, 1.4660,
0.9079

■ 0.1511, 0.2646,
0.0000

■ 75.5114, 81.5822,
77.4127

■ 75.5114, 81.5822,
77.4127

■ 71.4117, 79.7995,
62.3848

■ 80.0794, 83.5608,
94.7381

■ 67.7550, 78.1947,
49.5525

■ 83.6425, 85.1380,
106.6326

■ 64.5238, 76.7633,
38.8145

■ 84.9872, 85.8313,
106.6955

■ 61.6968, 75.4967,
30.0593

■ 86.3610, 86.5395,
106.7598

■ 59.2505, 74.3857,
23.1649

■ 87.7638, 87.2627,
106.8255

■ 57.1592, 73.4198,
17.9960

■ 89.0000, 87.8999,
106.8833

■ 55.3935, 72.5873,
14.3991

■ 53.9188, 71.8744,
12.1935

■ 52.6888, 71.2624,
11.1359

Harmonies

Analogous

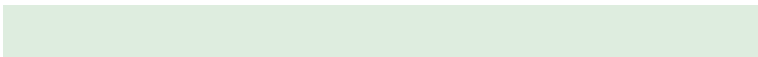
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8534, 81.5822, 76.2033



75.5114, 81.5822, 77.4127



73.7463, 81.5822, 81.6224

Triad

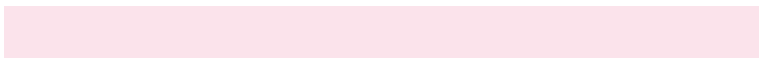
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5114, 81.5822, 77.4127



74.9824, 81.5822, 100.3452



82.2701, 81.5822, 89.7245

Complementary

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



75.5114, 81.5822, 77.4127



69.3266, 70.8417, 88.6215

Split Complementary

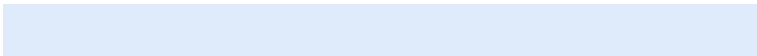
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4646, 81.5822, 96.4481



75.5114, 81.5822, 77.4127



77.2303, 81.5822, 102.7778

Square

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



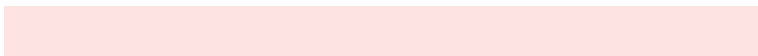
75.5114, 81.5822, 77.4127



73.4453, 81.5822, 94.8245



79.6075, 81.5822, 101.3162



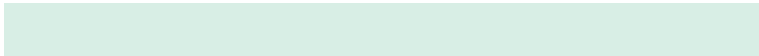
81.7871, 81.5822, 83.0919

Rectangle

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



75.5114, 81.5822, 77.4127



73.1172, 81.5822, 85.6829



79.6075, 81.5822, 101.3162



82.1406, 81.5822, 92.0515

Sweetspot

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



75.5136, 81.5857, 77.4145



93.9272, 99.5148, 104.6181



72.3813, 73.8606, 76.0885



20.1161, 21.3054, 22.4374



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.



75.5136, 81.5857, 77.4145



90.1775, 97.8899, 90.5229



72.6669, 80.1182, 77.2812



16.0909, 17.4924, 16.0470



29.2661, 39.6317, 6.1072



2.3636, 3.1458, 0.4826

Inverse Universe

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



69.3266, 70.8417, 88.6215



81.4729, 82.7737, 106.2906



72.1240, 72.2838, 88.7524



14.4654, 14.6697, 18.9914



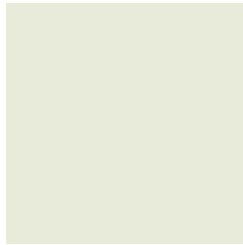
8.8873, 3.6175, 43.9728



0.7672, 0.3198, 3.4562

Previews

White Background



This preview shows how the XYZ color 75.5114, 81.5822, 77.4127 looks on a white background.

Color Contrast Check

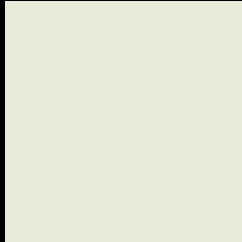
Large Text (above 18pt) WCAG AA × Fail

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 75.5114, 81.5822, 77.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

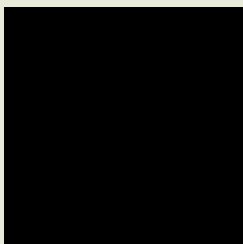
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

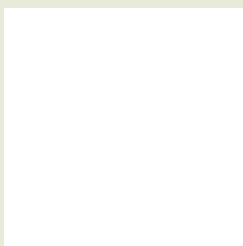
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5114, 81.5822, 77.4127

Background



This preview shows how black text looks on a background with the XYZ color 75.5114, 81.5822, 77.4127.

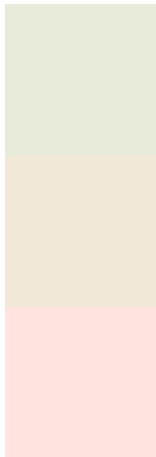


This preview shows how white text looks on a background with the XYZ color 75.5114, 81.5822,

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

75.5114, 81.5822, 77.4127

Protanopia

77.3980, 81.3203, 75.9071

Deuteranopia

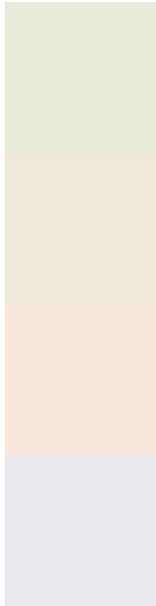
81.8939, 81.4721, 80.5167



Tritanopia

80.3207, 81.4377, 101.1082

Trichromacy



Original Color

75.5114, 81.5822, 77.4127

Protanomaly

76.7935, 81.4128, 76.6325

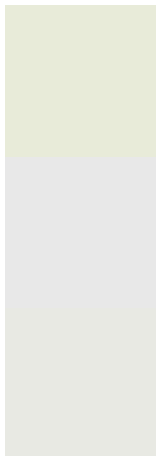
Deuteranomaly

79.5729, 81.5351, 79.2541

Tritanomaly

78.4036, 81.4898, 91.7176

Monochromacy



Original Color

75.5114, 81.5822, 77.4127

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2828, 80.9797, 84.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5114, 81.5822, 77.4127 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, 235, 217) looks like.

```
.text, #text, p{  
    color:rgb(232, 235, 217)  
}
```

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, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 235, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.5114, 81.5822, 77.4127 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, 235, 217) }
```


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

```
.border{ border-color:rgb(232, 235, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 235, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 235,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5114, 81.5822, 77.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 235, 217) }
```

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

```
.background{ background-color: rgb(232,  
235, 217) }
```

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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