

Converting Colors

XYZ(75.0155, 79.4234, 82.9084)

Have a look what the booklet for
XYZ(75.0155, 79.4234, 82.9084)
contains.

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Color

**XYZ(75.1215, 79.5770,
82.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E7E1
RGB	231, 231, 225
RGB Percent	91%, 91%, 88%
CMY	0.0941, 0.0941, 0.1176
CMYK	0.00, 0.00, 0.03, 0.09
HSL	60°, 11%, 89%
HSV	60°, 3%, 91%
XYZ	75.1215, 79.5770, 82.6347
YIQ	230.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

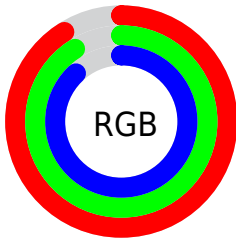
Format	Color
R_{YB}	225, 231, 225
Decimal	15198177
CIE Lab	91.49, -1.05, 2.91
CIE LCh	91, 3.090, 109.907
Yxy	79.5770, 0.3165, 0.3353
Android (android.graphics.Color)	4293388257 (0xFFE7E7E1)
YUV	230.3160, -2.6208, 0.5999
Hunter-Lab	89.2059, -5.7932, 7.5217

Details

The XYZ color **75.1215, 79.5770, 82.6347** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.4034, 75.6296, 86.3874**, and the grayscale version is **75.4675, 79.3977, 86.4641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2649, 42.6762, 44.1454** is the 20% darker color. If you saturate the color by 10%, you get **72.1765, 78.4009, 67.1445**, and if you desaturate by 10%, it is **78.4974, 80.9305, 100.3740**.

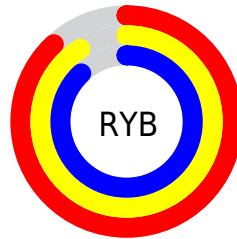
Distribution



Red (91%)

Green (91%)

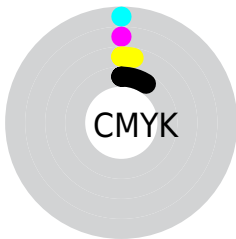
Blue (88%)



Red (88%)

Yellow (91%)

Blue (88%)

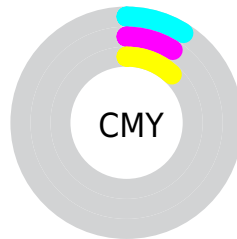


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1215, 79.5770, 82.6347 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 75.1215, 79.5770, 82.6347 by changing the saturation by 10% instead.

■ 75.1215, 79.5770,
82.6347

■ 75.1215, 79.5770,
82.6347

467.3258,
493.5062, 523.7073

■ 56.0070, 59.3703,
61.3500

125.4713,
132.7709, 138.9084

■ 40.4455, 42.9113,
44.0753

157.4373,
166.5268, 174.7344

■ 28.0718, 29.8155,
30.3921

194.4178,
205.5680, 216.2446

■ 18.5206, 19.6986,
19.8818

236.7782,
250.2788, 263.8575

■ 11.4263, 12.1762,
12.1259

284.8839,
301.0437, 317.9917

■ 6.4237, 6.8638,
6.7059

339.1001,

■ 3.1475, 3.3770,

358.2469, 379.0657

3.2032

399.7923,
422.2729, 447.4981

■ 1.2322, 1.3316,
1.1993

■ 0.1316, 0.1655,
0.0000

■ 75.1215, 79.5770,
82.6347

■ 75.1215, 79.5770,
82.6347

■ 72.1765, 78.4009,
67.1445

■ 78.4974, 80.9305,
100.3740

■ 69.6388, 77.3852,
53.8086

■ 79.5935, 81.3696,
106.1186

■ 67.4923, 76.5260,
42.5332

■ 79.5988, 81.3723,
106.1189

■ 65.7177, 75.8156,
33.2156

■ 79.6042, 81.3751,
106.1191

64.2936, 75.2453,
25.7443

79.6095, 81.3778,
106.1194

63.1968, 74.8060,
19.9966

79.6148, 81.3805,
106.1196

62.4013, 74.4872,
15.8349

79.6201, 81.3833,
106.1199

61.8768, 74.2767,
13.1007

79.6254, 81.3860,
106.1201

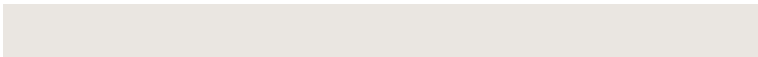
61.5870, 74.1602,
11.6027

79.6307, 81.3888,
106.1204

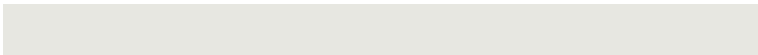
Harmonies

Analogous

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



75.9010, 79.5770, 82.4489



75.1215, 79.5770, 82.6347



74.4839, 79.5770, 83.8847

Triad

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



75.1215, 79.5770, 82.6347



74.6652, 79.5770, 90.0035



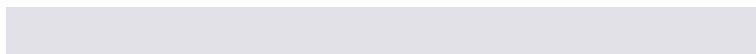
77.1351, 79.5770, 87.4075

Complementary

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



75.1215, 79.5770, 82.6347



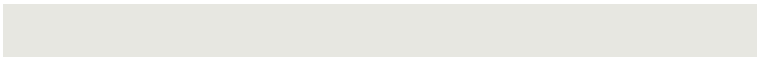
72.4034, 75.6296, 86.3874

Split Complementary

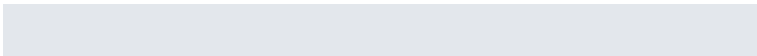
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7990, 79.5770, 89.4669



75.1215, 79.5770, 82.6347



75.3707, 79.5770, 90.9828

Square

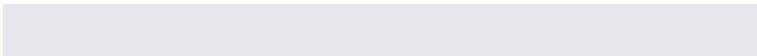
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1215, 79.5770, 82.6347



74.2217, 79.5770, 88.1298



76.1519, 79.5770, 90.7847



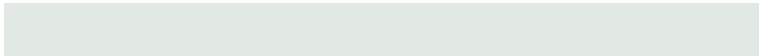
77.0672, 79.5770, 85.1786

Rectangle

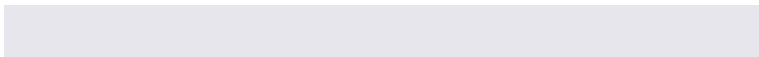
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1215, 79.5770, 82.6347



74.2234, 79.5770, 85.1655



76.1519, 79.5770, 90.7847



77.0655, 79.5770, 88.1432

Sweetspot

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



75.1237, 79.5804, 82.6364



94.6414, 99.8365, 106.7520



73.4733, 76.2775, 82.0859



20.2615, 21.3708, 22.8720



0.0000, 0.0000, 0.0000



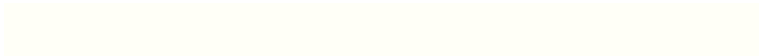
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1237, 79.5804, 82.6364



93.8406, 99.5160, 102.5417



74.1644, 79.0859, 82.5915



15.9624, 16.9615, 17.2302



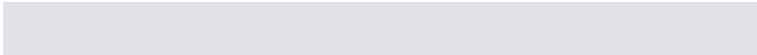
34.4658, 41.5493, 6.2033



2.5472, 3.0705, 0.4584

Inverse Universe

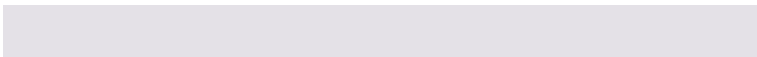
The Inverse Universe completely reimagines the original color for something new.



72.4034, 75.6296, 86.3874



89.9012, 93.7946, 107.9736



73.3463, 76.1157, 86.4315



15.1241, 15.7440, 18.3861



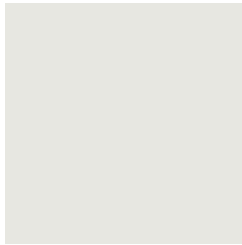
8.0878, 3.2353, 42.5814



0.5980, 0.2393, 3.1466

Previews

White Background



This preview shows how the XYZ color 75.1215, 79.5770, 82.6347 looks on a white background.

Color Contrast Check

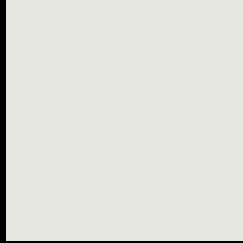
Large Text (above 18pt) WCAG AA × Fail

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 75.1215, 79.5770, 82.6347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

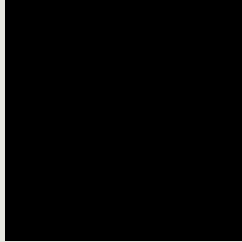
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

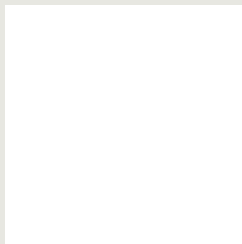
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1215, 79.5770, 82.6347

Background



This preview shows how black text looks on a background with the XYZ color 75.1215, 79.5770, 82.6347.

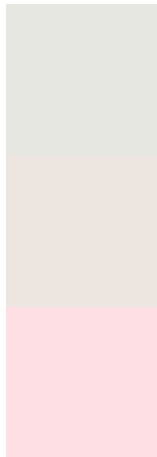


This preview shows how white text looks on a background with the XYZ color 75.1215, 79.5770,

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

75.1215, 79.5770, 82.6347

Protanopia

76.0659, 79.2533, 81.8093

Deuteranopia

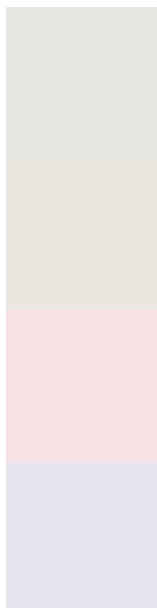
81.1259, 79.3922, 83.7215



Tritanopia

78.3096, 79.6331, 98.4321

Trichromacy



Original Color

75.1215, 79.5770, 82.6347

Protanomaly

75.6830, 79.4679, 81.8709

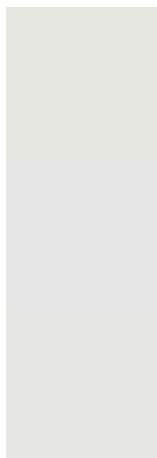
Deuteranomaly

78.9299, 79.4765, 83.1320

Tritanomaly

77.0562, 79.5353, 92.1795

Monochromacy



Original Color

75.1215, 79.5770, 82.6347

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9335, 79.0181, 84.7014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1215, 79.5770, 82.6347 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(231, 231, 225) looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 225)  
}
```

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(231, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.1215, 79.5770, 82.6347 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(231, 231, 225) }
```


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

```
.border{ border-color:rgb(231, 231, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 231, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 231, 225); box-shadow:4px 4px 4px 4px rgb(231, 231, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1215, 79.5770, 82.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 225) }
```

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

```
.background{ background-color: rgb(231,  
231, 225) }
```

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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