

Converting Colors

XYZ(75.6630, 82.4913, 79.1665)

Have a look what the booklet for
XYZ(75.6630, 82.4913, 79.1665)
contains.

XYZ(75.7035, 82.5058, 78.9531)	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(75.7035, 82.5058,
78.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EDDB
RGB	230, 237, 219
RGB Percent	90%, 93%, 86%
CMY	0.0980, 0.0706, 0.1412
CMYK	0.03, 0.00, 0.08, 0.07
HSL	83°, 33%, 89%
HSV	83°, 8%, 93%
XYZ	75.7035, 82.5058, 78.9531
YIQ	232.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

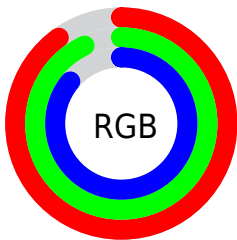
Format	Color
R _Y B	219, 237, 226
Decimal	15134171
CIE Lab	92.80, -5.48, 7.90
CIE LCh	93, 9.615, 124.727
Yxy	82.5058, 0.3192, 0.3479
Android (android.graphics.Color)	4293324251 (0xFFE6EDDB)
YUV	232.8550, -6.8305, -2.5038
Hunter-Lab	90.8327, -10.1884, 12.0472

Details

The XYZ color **75.7035, 82.5058, 78.9531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.9848, 72.9485, 90.4115**, and the grayscale version is **77.3939, 81.4244, 88.6712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6803, 44.7268, 41.6110** is the 20% darker color. If you saturate the color by 10%, you get **69.9223, 79.8631, 63.5384**, and if you desaturate by 10%, it is **82.0901, 85.4140, 96.7185**.

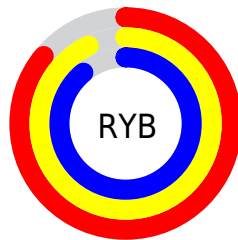
Distribution



Red (90%)

Green (93%)

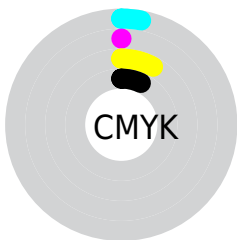
Blue (86%)



Red (86%)

Yellow (93%)

Blue (89%)

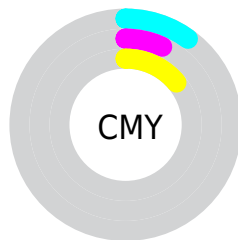


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7035, 82.5058, 78.9531 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 75.7035, 82.5058, 78.9531 by changing the saturation by 10% instead.

75.7035, 82.5058,
78.9531

75.7035, 82.5058,
78.9531

469.2921,
503.3380, 511.0111

56.4856, 61.7825,
58.3362

126.2903,
136.8831, 133.6909

40.8309, 44.8570,
41.6625

158.3899,
171.3059, 168.6488

28.3741, 31.3448,
28.5135

195.5142,
211.0640, 209.2242

18.7497, 20.8616,
18.4707

238.0284,
256.5418, 255.8355

11.5925, 13.0228,
11.1155

286.2979,
308.1237, 308.9013

6.5371, 7.4443,
6.0294

340.6882,

3.2181, 3.7415,

366.1941, 368.8401

2.7939

401.5644,
431.1374, 436.0706

■ 1.2701, 1.5300,
0.9904

■ 0.1607, 0.3097,
0.0000

■ 75.7035, 82.5058,
78.9531

■ 75.7035, 82.5058,
78.9531

■ 69.9223, 79.8631,
63.5384

■ 82.0901, 85.4140,
96.7185

■ 64.7187, 77.4666,
50.3705

■ 87.2042, 87.8290,
106.9643

■ 60.0723, 75.3105,
39.3458

■ 89.5758, 89.0516,
107.0753

■ 55.9592, 73.3850,
30.3504

■ 52.3532, 71.6792,
23.2598

■ 49.2253, 70.1813,
17.9358

■ 46.5431, 68.8780,
14.2217

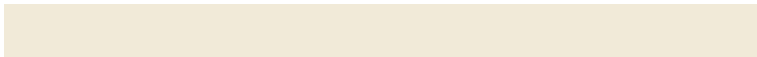
■ 44.2687, 67.7539,
11.9329

■ 42.3526, 66.7886,
10.8229

Harmonies

Analogous

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



78.0224, 82.5058, 76.7592



75.7035, 82.5058, 78.9531



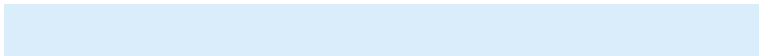
74.1379, 82.5058, 84.0654

Triad

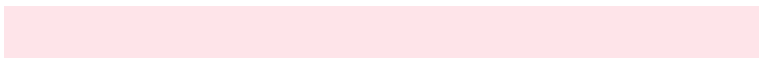
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7035, 82.5058, 78.9531



76.3780, 82.5058, 102.9144



83.3252, 82.5058, 88.7011

Complementary

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



75.7035, 82.5058, 78.9531



71.9848, 72.9485, 90.4115

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.



82.8624, 82.5058, 95.8623



75.7035, 82.5058, 78.9531



78.8175, 82.5058, 104.3169

Square

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



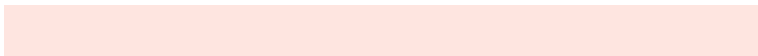
75.7035, 82.5058, 78.9531



74.5215, 82.5058, 97.9362



81.1993, 82.5058, 101.6730



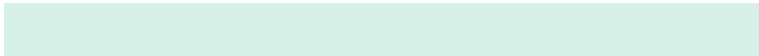
82.4507, 82.5058, 82.1930

Rectangle

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



75.7035, 82.5058, 78.9531



73.7137, 82.5058, 88.5713



81.1993, 82.5058, 101.6730



83.3210, 82.5058, 91.1102

Sweetspot

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



75.7058, 82.5094, 78.9549



93.5134, 99.3015, 104.5987



74.8834, 77.4602, 78.0236



20.0319, 21.2619, 22.4335



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

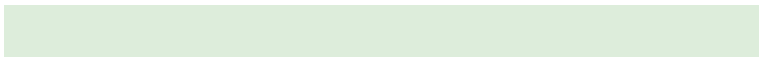
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7058, 82.5094, 78.9549



88.3637, 96.9548, 90.4381



72.9222, 81.0744, 78.8246



15.7517, 17.3175, 16.0311



23.0411, 36.4226, 5.8159



1.9165, 2.9153, 0.4617

Inverse Universe

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



71.9848, 72.9485, 90.4115



83.1890, 83.6584, 106.3709



74.8485, 74.4248, 90.5455



14.7854, 14.8346, 19.0063



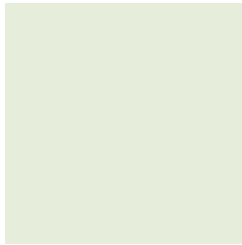
10.9030, 4.6566, 44.0671



0.9611, 0.4197, 3.4652

Previews

White Background



This preview shows how the XYZ color 75.7035, 82.5058, 78.9531 looks on a white background.

Color Contrast Check

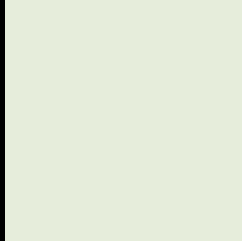
Large Text (above 18pt) WCAG AA × Fail

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 75.7035, 82.5058, 78.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

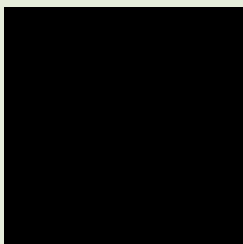
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

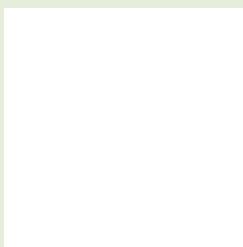
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7035, 82.5058, 78.9531

Background



This preview shows how black text looks on a background with the XYZ color 75.7035, 82.5058, 78.9531.



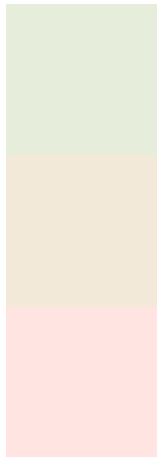
This preview shows how white text looks on a background with the XYZ color 75.7035, 82.5058,

78.9531.

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

75.7035, 82.5058, 78.9531

Protanopia

78.2812, 82.1648, 77.3792

Deuteranopia

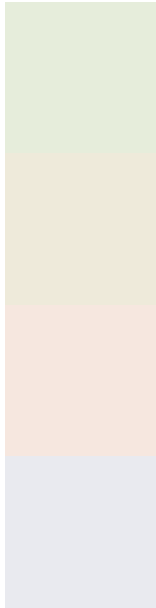
82.5740, 82.1830, 82.7450



Tritanopia

80.5301, 82.3404, 102.9157

Trichromacy



Original Color

75.7035, 82.5058, 78.9531

Protanomaly

77.3376, 82.0847, 78.0975

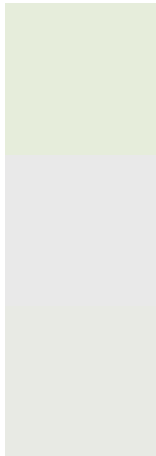
Deuteranomaly

79.9012, 82.0724, 81.4423

Tritanomaly

78.6071, 82.4013, 93.4234

Monochromacy



Original Color

75.7035, 82.5058, 78.9531

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.7051, 81.6029, 85.1069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7035, 82.5058, 78.9531 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(230, 237, 219) looks like.

```
.text, #text, p{  
    color:rgb(230, 237, 219)  
}
```

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(230, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 237, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.7035, 82.5058, 78.9531 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(230, 237, 219) }
```


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

```
.border{ border-color:rgb(230, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 237,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7035, 82.5058, 78.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 237, 219) }
```

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

```
.background{ background-color: rgb(230,  
237, 219) }
```

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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