

Converting Colors

XYZ(75.1265, 81.8739, 84.2240)

Have a look what the booklet for
XYZ(75.1265, 81.8739, 84.2240)
contains.

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Color

**XYZ(75.2007, 82.1220,
84.5607)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EDE3
RGB	225, 237, 227
RGB Percent	88%, 93%, 89%
CMY	0.1176, 0.0706, 0.1098
CMYK	0.05, 0.00, 0.04, 0.07
HSL	130°, 25%, 91%
HSV	130°, 5%, 93%
XYZ	75.2007, 82.1220, 84.5607
YIQ	232.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

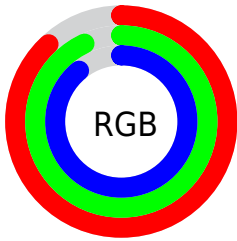
Format	Color
R _Y B	225, 235, 237
Decimal	14806499
CIE Lab	92.63, -5.78, 3.45
CIE LCh	93, 6.731, 149.128
Yxy	82.1220, 0.3109, 0.3395
Android (android.graphics.Color)	4292996579 (0xFFE1EDE3)
YUV	232.2720, -2.5991, -6.3775
Hunter-Lab	90.6212, -10.4614, 8.1100

Details

The XYZ color **75.2007, 82.1220, 84.5607** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.8487, 77.8553, 89.5786**, and the grayscale version is **76.9284, 80.9347, 88.1379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5478, 44.5724, 45.4960** is the 20% darker color. If you saturate the color by 10%, you get **65.7473, 77.5481, 70.6950**, and if you desaturate by 10%, it is **85.9971, 87.3568, 100.1252**.

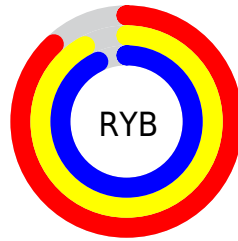
Distribution



Red (88%)

Green (93%)

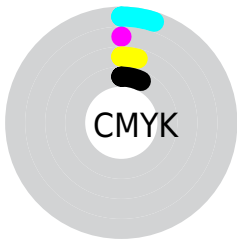
Blue (89%)



Red (88%)

Yellow (92%)

Blue (93%)

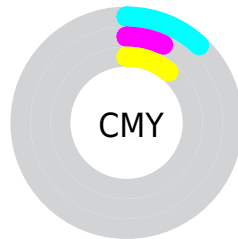


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (7%)



Cyan (12%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2007, 82.1220, 84.5607 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 75.2007, 82.1220, 84.5607 by changing the saturation by 10% instead.

■ 75.2007, 82.1220,
84.5607

■ 75.2007, 82.1220,
84.5607

467.5937,
502.0557, 530.2799

■ 56.0721, 61.4661,
62.9304

125.5828,
136.3451, 141.6280

■ 40.4979, 44.6014,
45.3443

157.5670,
170.6810, 177.9020

■ 28.1129, 31.1436,
31.3838

194.5671,
210.3458, 219.8943

■ 18.5517, 20.7082,
20.6303

236.9485,
255.7238, 268.0236

■ 11.4489, 12.9109,
12.6655

285.0765,
307.1994, 322.7082

■ 6.4391, 7.3672,
7.0706

339.3164,

■ 3.1571, 3.6928,

365.1570, 384.3668

3.4272

400.0337,
429.9809, 453.4179

■ 1.2374, 1.5032,
1.3167

■ 0.1356, 0.2910,
0.0754

■ 75.2007, 82.1220,
84.5607

■ 75.2007, 82.1220,
84.5607

■ 65.7473, 77.5481,
70.6950

■ 85.9971, 87.3568,
100.1252

■ 57.5775, 73.5986,
58.4654

■ 89.5758, 89.0515,
107.0753

■ 50.6375, 70.2495,
47.8130

■ 44.8673, 67.4711,
38.6736

■ 40.2015, 65.2313,
30.9784

■ 36.5683, 63.4946,
24.6535

■ 33.8875, 62.2213,
19.6181

■ 32.0663, 61.3654,
15.7831

■ 30.9926, 60.8713,
13.0480

Harmonies

Analogous

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



76.4274, 82.1220, 81.2570



75.2007, 82.1220, 84.5607



74.7368, 82.1220, 89.2702

Triad

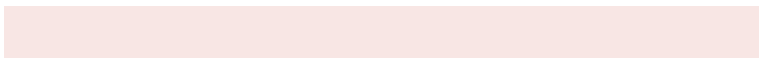
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2007, 82.1220, 84.5607



78.0033, 82.1220, 99.4070



81.0321, 82.1220, 84.8058

Complementary

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



75.2007, 82.1220, 84.5607



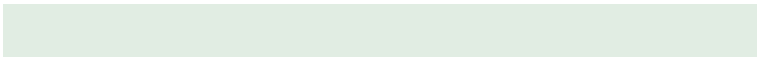
76.8487, 77.8553, 89.5786

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.



81.4690, 82.1220, 89.5637



75.2007, 82.1220, 84.5607



79.7045, 82.1220, 98.1055

Square

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



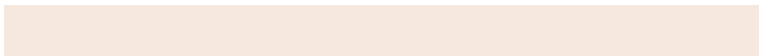
75.2007, 82.1220, 84.5607



76.3399, 82.1220, 97.9495



80.9796, 82.1220, 94.4555



79.7946, 82.1220, 81.3948

Rectangle

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



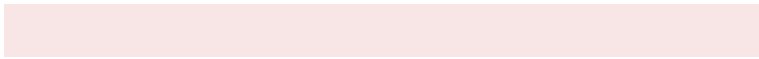
75.2007, 82.1220, 84.5607



74.9171, 82.1220, 92.6133



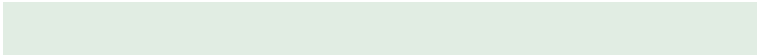
80.9796, 82.1220, 94.4555



81.2783, 82.1220, 86.2949

Sweetspot

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



75.2030, 82.1255, 84.5625



92.5217, 98.7748, 105.2491



78.2053, 83.7049, 83.2702



19.8299, 21.1547, 22.5660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

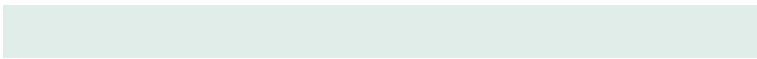
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2030, 82.1255, 84.5625



87.6579, 96.4186, 98.1914



76.0176, 82.4514, 88.8523



15.5534, 17.1852, 17.3800



16.7705, 33.1627, 6.7566



1.3472, 2.6162, 0.6902

Inverse Universe

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



76.8487, 77.8553, 89.5786



89.9541, 90.4606, 105.1899



76.0238, 77.5253, 85.2344



16.0031, 16.0184, 18.7506



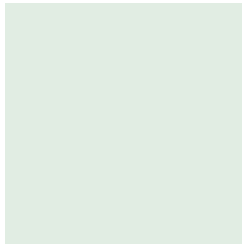
24.6442, 12.0604, 30.2575



1.9638, 0.9585, 2.5267

Previews

White Background



This preview shows how the XYZ color 75.2007, 82.1220, 84.5607 looks on a white background.

Color Contrast Check

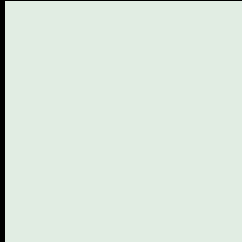
Large Text (above 18pt) WCAG AA × Fail

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 75.2007, 82.1220, 84.5607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

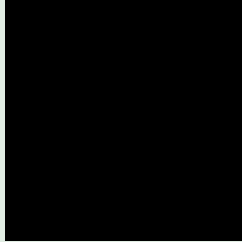
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

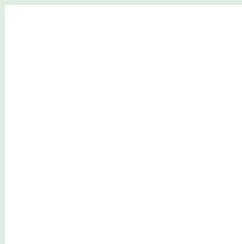
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2007, 82.1220, 84.5607

Background



This preview shows how black text looks on a background with the XYZ color 75.2007, 82.1220, 84.5607.



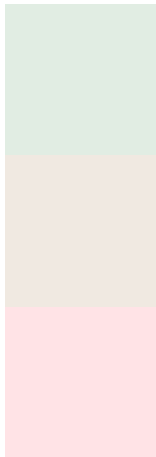
This preview shows how white text looks on a background with the XYZ color 75.2007, 82.1220,

84.5607.

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

75.2007, 82.1220, 84.5607

Protanopia

78.6647, 82.2393, 82.9619

Deuteranopia

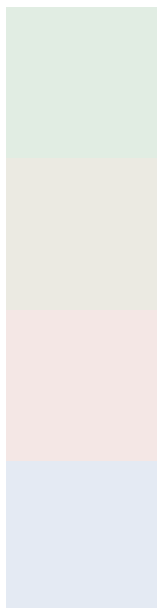
82.9920, 81.9113, 86.2992



Tritanopia

79.0227, 81.9641, 103.7512

Trichromacy



Original Color

75.2007, 82.1220, 84.5607

Protanomaly

77.4112, 81.9988, 83.6988

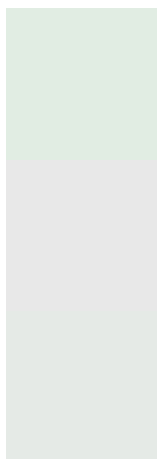
Deuteranomaly

80.0270, 82.0421, 85.7466

Tritanomaly

77.5954, 81.8107, 96.4953

Monochromacy



Original Color

75.2007, 82.1220, 84.5607

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0188, 81.2168, 86.5327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2007, 82.1220, 84.5607 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(225, 237, 227) looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 227)  
}
```

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(225, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.2007, 82.1220, 84.5607 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(225, 237, 227) }
```


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

```
.border{ border-color:rgb(225, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 237,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2007, 82.1220, 84.5607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 227) }
```

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

```
.background{ background-color: rgb(225,  
237, 227) }
```

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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