

Converting Colors

XYZ(75.1675, 82.0728, 86.0086)

Have a look what the booklet for
XYZ(75.1675, 82.0728, 86.0086)
contains.

XYZ(75.1675, 82.0728, 86.0086)	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(75.1675, 82.0728,
86.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDE5
RGB	224, 237, 229
RGB Percent	88%, 93%, 90%
CMY	0.1216, 0.0706, 0.1020
CMYK	0.05, 0.00, 0.03, 0.07
HSL	143°, 27%, 90%
HSV	143°, 5%, 93%
XYZ	75.1675, 82.0728, 86.0086
YIQ	232.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

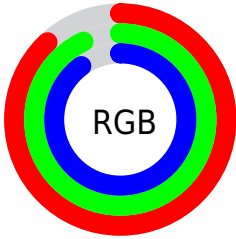
Format	Color
RYB	224, 233, 237
Decimal	14740965
CIELab	92.61, -5.75, 2.37
CIELCh	93, 6.222, 157.580
Yxy	82.0728, 0.3090, 0.3374
Android (android.graphics.Color)	4292931045 (0xFFE0EDE5)
YUV	232.2010, -1.5781, -7.1923
Hunter-Lab	90.5940, -10.4349, 7.1268

Details

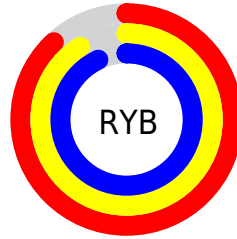
The XYZ color **75.1675, 82.0728, 86.0086** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1492, 77.1441, 87.2247**, and the grayscale version is **76.8684, 80.8716, 88.0691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5260, 44.5388, 46.5053** is the 20% darker color. If you saturate the color by 10%, you get **66.3762, 77.7686, 75.4085**, and if you desaturate by 10%, it is **85.1584, 86.9803, 97.5618**.

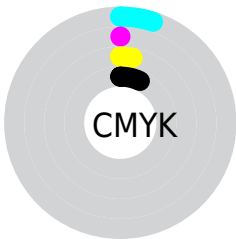
Distribution



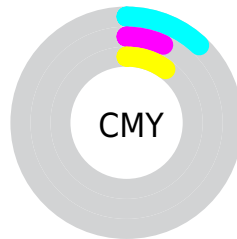
- Red (88%)
- Green (93%)
- Blue (90%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1675, 82.0728, 86.0086 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 75.1675, 82.0728, 86.0086 by changing the saturation by 10% instead.

■ 75.1675, 82.0728,
86.0086

■ 75.1675, 82.0728,
86.0086

467.4814,
501.8912, 535.1909

■ 56.0448, 61.4255,
64.1201

125.5361,
136.2761, 143.6681

■ 40.4760, 44.5687,
46.3012

157.5126,
170.6009, 180.2763

■ 28.0957, 31.1178,
32.1332

194.5045,
210.2537, 222.6281

■ 18.5386, 20.6886,
21.1976

236.8771,
255.6189, 271.1421

■ 11.4394, 12.8966,
13.0759

284.9957,
307.0808, 326.2369

■ 6.4327, 7.3574,
7.3495

339.2258,

■ 3.1531, 3.6866,

365.0239, 388.3309

3.5999

399.9325,
429.8326, 457.8428

■ 1.2352, 1.4998,
1.4085

■ 0.1339, 0.2886,
0.1483

■ 75.1675, 82.0728,
86.0086

■ 75.1675, 82.0728,
86.0086

■ 66.3762, 77.7686,
75.4085

■ 85.1584, 86.9803,
97.5618

■ 58.7314, 74.0338,
65.7319

■ 89.5758, 89.0515,
107.0753

■ 52.1860, 70.8470,
56.9558

■ 46.6869, 68.1813,
49.0539

■ 42.1764, 66.0076,
41.9988

■ 38.5912, 64.2936,
35.7616

■ 35.8599, 63.0034,
30.3117

■ 33.9001, 62.0950,
25.6163

■ 32.6109, 61.5171,
21.6399

Harmonies

Analogous

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



76.1261, 82.0728, 82.4877



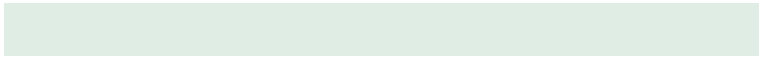
75.1675, 82.0728, 86.0086



74.9648, 82.0728, 90.5436

Triad

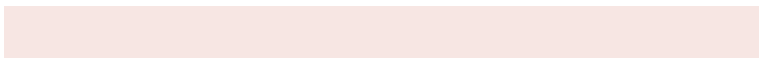
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1675, 82.0728, 86.0086



78.4188, 82.0728, 98.4879



80.4989, 82.0728, 84.0398

Complementary

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



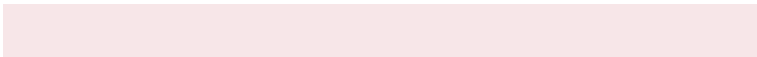
75.1675, 82.0728, 86.0086



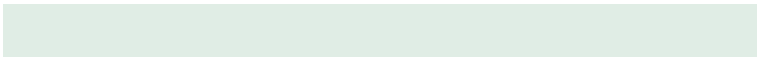
76.1492, 77.1441, 87.2247

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.



81.1319, 82.0728, 88.1934



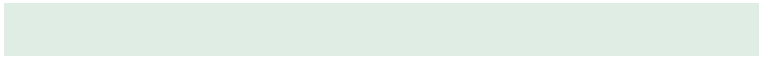
75.1675, 82.0728, 86.0086



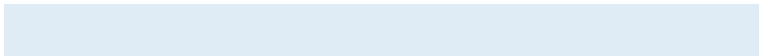
79.9202, 82.0728, 96.6108

Square

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



75.1675, 82.0728, 86.0086



76.8274, 82.0728, 97.8539



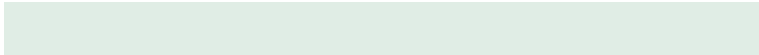
80.9186, 82.0728, 92.8042



79.2001, 82.0728, 81.3787

Rectangle

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



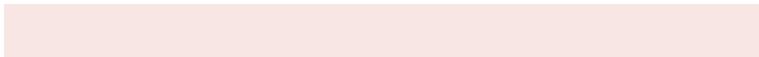
75.1675, 82.0728, 86.0086



75.2830, 82.0728, 93.5515



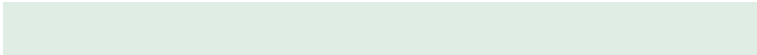
80.9186, 82.0728, 92.8042



80.7974, 82.0728, 85.3020

Sweetspot

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



75.1698, 82.0763, 86.0104



92.6972, 98.8450, 106.1733



77.0259, 83.1127, 82.5048



19.8657, 21.1690, 22.7541



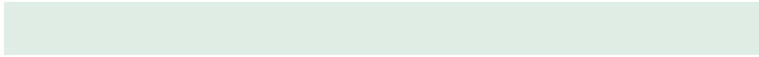
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

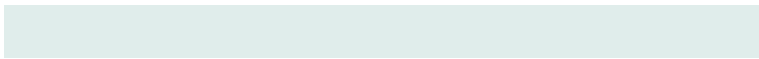
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1698, 82.0763, 86.0104



87.0663, 96.0828, 99.5556



76.0928, 82.4455, 90.8707



15.4686, 17.1348, 17.6828



17.6274, 33.5054, 11.2690



1.4299, 2.6493, 1.1257

Inverse Universe

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



76.1492, 77.1441, 87.2247



88.5321, 88.7011, 101.3729



75.2444, 76.7822, 82.4604



15.7499, 15.7180, 18.0315



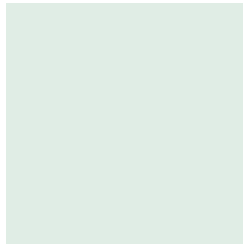
21.9610, 10.9871, 16.1280



1.7712, 0.8815, 1.5127

Previews

White Background



This preview shows how the XYZ color 75.1675, 82.0728, 86.0086 looks on a white background.

Color Contrast Check

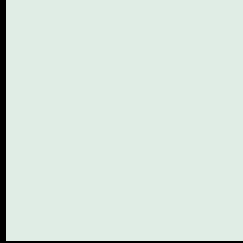
Large Text (above 18pt) WCAG AA × Fail

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 75.1675, 82.0728, 86.0086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

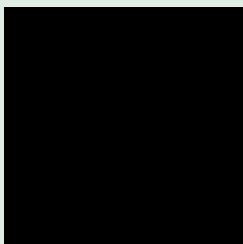
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

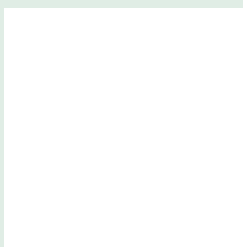
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1675, 82.0728, 86.0086

Background



This preview shows how black text looks on a background with the XYZ color 75.1675, 82.0728, 86.0086.



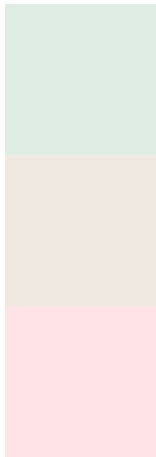
This preview shows how white text looks on a background with the XYZ color 75.1675, 82.0728,

86.0086.

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

75.1675, 82.0728, 86.0086

Protanopia

78.4630, 82.1195, 83.6667

Deuteranopia

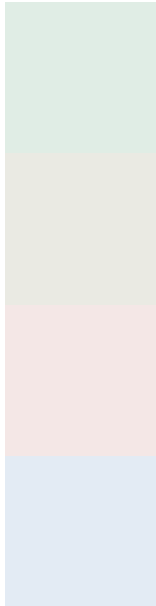
83.1329, 81.9677, 87.0411



Tritanopia

78.9884, 82.3679, 103.8309

Trichromacy



Original Color

75.1675, 82.0728, 86.0086

Protanomaly

77.2196, 81.8841, 84.4083

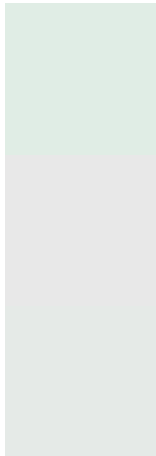
Deuteranomaly

80.1671, 82.0981, 86.4842

Tritanomaly

77.7160, 82.2792, 97.3734

Monochromacy



Original Color

75.1675, 82.0728, 86.0086

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1597, 81.2732, 87.2745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1675, 82.0728, 86.0086 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(224, 237, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 229)  
}
```

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(224, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.1675, 82.0728, 86.0086 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(224, 237, 229) }
```


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

```
.border{ border-color:rgb(224, 237, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1675, 82.0728, 86.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 229) }
```

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

```
.background{ background-color: rgb(224,  
237, 229) }
```

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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