

Converting Colors

XYZ(75.4112, 81.9452, 90.4457)

Have a look what the booklet for
XYZ(75.4112, 81.9452, 90.4457)
contains.

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Color

**XYZ(75.4038, 82.0961,
90.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDEB
RGB	222, 237, 235
RGB Percent	87%, 93%, 92%
CMY	0.1294, 0.0706, 0.0784
CMYK	0.06, 0.00, 0.01, 0.07
HSL	172°, 29%, 90%
HSV	172°, 6%, 93%
XYZ	75.4038, 82.0961, 90.4692
YIQ	232.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

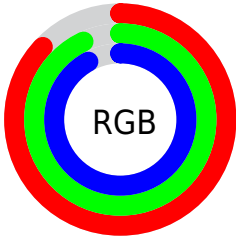
Format	Color
R _Y B	222, 230, 237
Decimal	14609899
CIE Lab	92.62, -5.31, -0.75
CIE LCh	93, 5.365, 188.052
Yxy	82.0961, 0.3041, 0.3311
Android (android.graphics.Color)	4292799979 (0xFFDEEDEB)
YUV	232.2870, 1.3375, -9.0217
Hunter-Lab	90.6069, -10.0129, 4.2249

Details

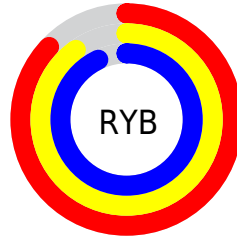
The XYZ color **75.4038, 82.0961, 90.4692** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5039, 75.6311, 81.1964**, and the grayscale version is **76.9134, 80.9189, 88.1206**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5969, 44.5179, 49.1010** is the 20% darker color. If you saturate the color by 10%, you get **68.1962, 78.4351, 87.7675**, and if you desaturate by 10%, it is **83.6446, 86.2933, 93.2651**.

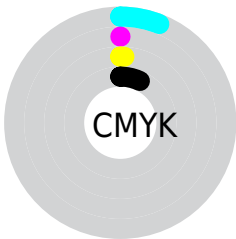
Distribution



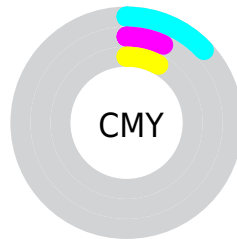
- Red (87%)
- Green (93%)
- Blue (92%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4038, 82.0961, 90.4692 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 75.4038, 82.0961, 90.4692 by changing the saturation by 10% instead.

■ 75.4038, 82.0961,
90.4692

■ 75.4038, 82.0961,
90.4692

468.2802,
501.9691, 550.1654

■ 56.2391, 61.4448,
67.7940

125.8686,
136.3088, 149.9312

■ 40.6324, 44.5842,
49.2645

157.8995,
170.6389, 187.5550

■ 28.2184, 31.1300,
34.4623

194.9498,
210.2973, 230.9987

■ 18.6316, 20.6979,
22.9687

237.3849,
255.6686, 280.6809

■ 11.5068, 12.9034,
14.3653

285.5701,
307.1370, 337.0202

■ 6.4786, 7.3620,
8.2335

339.8708,

■ 3.1816, 3.6895,

365.0869, 400.4350

4.1548

400.6524,
429.9028, 471.3439

■ 1.2505, 1.5014,
1.7107

■ 0.1457, 0.2897,
0.3680

■ 75.4038, 82.0961,
90.4692

■ 75.4038, 82.0961,
90.4692

■ 68.1962, 78.4351,
87.7675

■ 83.6446, 86.2933,
93.2651

■ 61.9725, 75.2781,
85.1524


■ 87.4525, 88.2021,
95.8946


■ 56.6896, 72.6051,
82.6234


■ 87.9304, 88.3933,
98.4112


■ 52.2985, 70.3911,
80.1779


■ 88.4166, 88.5878,
100.9712

 48.7461, 68.6084,
77.8133

 88.9110, 88.7855,
103.5750


 45.9732, 67.2266,
75.5265

 89.4138, 88.9867,
106.2227

 43.9128, 66.2113,
73.3142

 89.5757, 89.0514,
107.0752

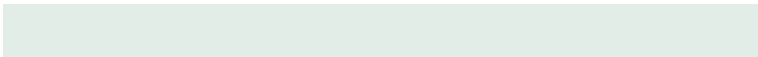
 42.4870, 65.5222,
71.1726

 41.5980, 65.1089,
69.0968

Harmonies

Analogous

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



75.5681, 82.0961, 86.5479



75.4038, 82.0961, 90.4692



75.9365, 82.0961, 94.2082

Triad

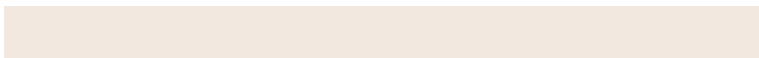
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4038, 82.0961, 90.4692



79.6951, 82.0961, 95.5759



79.0368, 82.0961, 82.4505

Complementary

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



75.4038, 82.0961, 90.4692



74.5039, 75.6311, 81.1964

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.



80.1614, 82.0961, 84.7364



75.4038, 82.0961, 90.4692



80.5446, 82.0961, 92.2910

Square

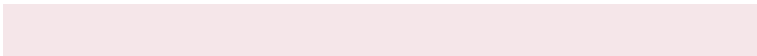
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4038, 82.0961, 90.4692



78.4063, 82.0961, 97.2134



80.7162, 82.0961, 88.3168



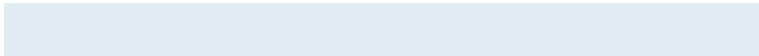
77.6547, 82.0961, 81.9956

Rectangle

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



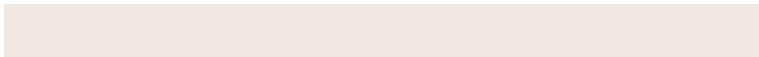
75.4038, 82.0961, 90.4692



76.6190, 82.0961, 96.0674



80.7162, 82.0961, 88.3168



79.4580, 82.0961, 83.0269

Sweetspot

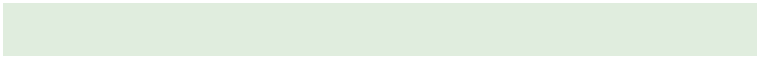
The Sweet Spot groups the original color and five complimentary colors.



75.4061, 82.0996, 90.4710



93.0890, 99.0017, 108.2369



74.2895, 81.7331, 80.9692



19.9454, 21.2009, 23.1742



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

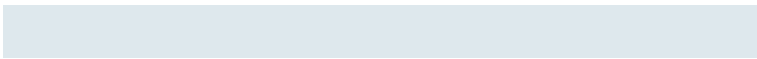
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4061, 82.0996, 90.4710



87.5034, 96.1599, 106.2735



74.1991, 79.2195, 91.5050



15.4261, 17.0853, 18.9266



22.6089, 35.4980, 37.5012



1.7994, 2.7971, 3.0712

Inverse Universe

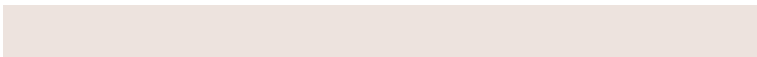
The Inverse Universe completely reimagines the original color for something new.



74.5039, 75.6311, 81.1964



86.1674, 86.5813, 92.5397



75.6502, 78.3562, 80.2456



15.1474, 15.0868, 16.0613



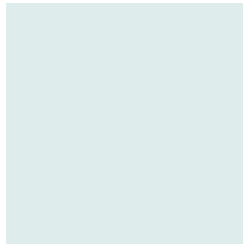
19.2345, 9.8965, 1.7703



1.5365, 0.7875, 0.2764

Previews

White Background



This preview shows how the XYZ color 75.4038, 82.0961, 90.4692 looks on a white background.

Color Contrast Check

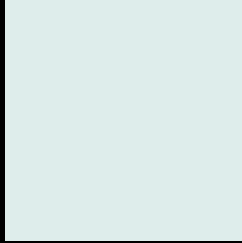
Large Text (above 18pt) WCAG AA × Fail

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 75.4038, 82.0961, 90.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

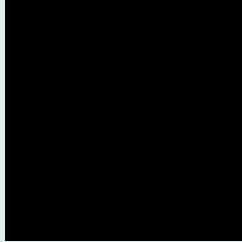
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

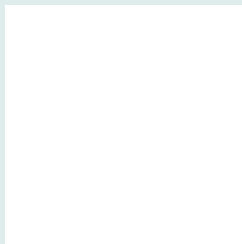
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4038, 82.0961, 90.4692

Background



This preview shows how black text looks on a background with the XYZ color 75.4038, 82.0961, 90.4692.



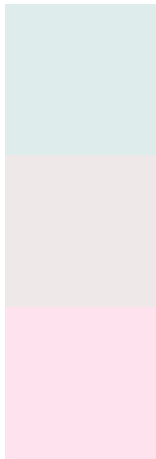
This preview shows how white text looks on a background with the XYZ color 75.4038, 82.0961,

90.4692.

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

75.4038, 82.0961, 90.4692

Protanopia

78.6820, 81.7166, 87.9698

Deuteranopia

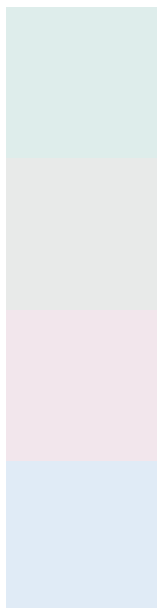
83.3555, 81.5780, 91.4736



Tritanopia

78.2038, 81.9450, 104.6237

Trichromacy



Original Color

75.4038, 82.0961, 90.4692

Protanomaly

77.4095, 81.8846, 88.8162

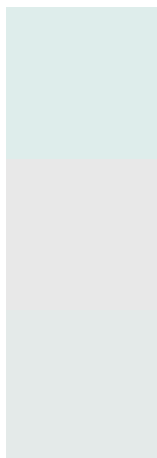
Deuteranomaly

80.0551, 81.5270, 90.8738

Tritanomaly

77.0834, 81.9178, 98.9378

Monochromacy



Original Color

75.4038, 82.0961, 90.4692

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1257, 81.2228, 88.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4038, 82.0961, 90.4692 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(222, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 235)  
}
```

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(222, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.4038, 82.0961, 90.4692 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(222, 237, 235) }
```


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

```
.border{ border-color:rgb(222, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4038, 82.0961, 90.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 235) }
```

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

```
.background{ background-color: rgb(222,  
237, 235) }
```

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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