

Converting Colors

XYZ(75.1951, 82.4841, 91.7342)

Have a look what the booklet for
XYZ(75.1951, 82.4841, 91.7342)
contains.

XYZ(75.0740, 82.3236, 92.0540)	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(75.0740, 82.3236,
92.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEED
RGB	219, 238, 237
RGB Percent	86%, 93%, 93%
CMY	0.1412, 0.0666, 0.0706
CMYK	0.08, 0.00, 0.00, 0.07
HSL	177°, 36%, 90%
HSV	177°, 8%, 93%
XYZ	75.0740, 82.3236, 92.0540
YIQ	232.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

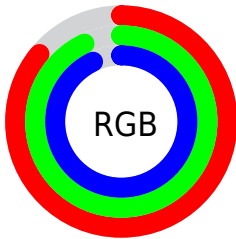
Format	Color
R _Y B	219, 229, 238
Decimal	14413549
CIE Lab	92.72, -6.42, -1.67
CIE LCh	93, 6.634, 194.583
Yxy	82.3236, 0.3010, 0.3300
Android (android.graphics.Color)	4292603629 (0xFFDBEEED)
YUV	232.2050, 2.3639, -11.5808
Hunter-Lab	90.7324, -11.0867, 3.3590

Details

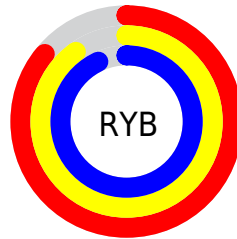
The XYZ color **75.0740, 82.3236, 92.0540** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.5127, 74.0096, 78.1247**, and the grayscale version is **76.8460, 80.8479, 88.0434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3783, 44.6846, 50.2129** is the 20% darker color. If you saturate the color by 10%, you get **68.2370, 78.8224, 90.7803**, and if you desaturate by 10%, it is **82.9407, 86.3600, 93.3861**.

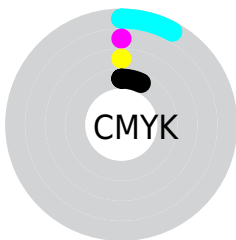
Distribution



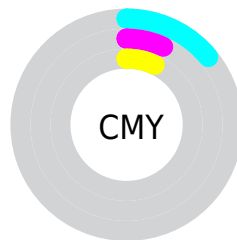
- Red (86%)
- Green (93%)
- Blue (93%)



- Red (86%)
- Yellow (90%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0740, 82.3236, 92.0540 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 75.0740, 82.3236, 92.0540 by changing the saturation by 10% instead.

75.0740, 82.3236,
92.0540

75.0740, 82.3236,
92.0540

467.1651,
502.7295, 555.4316

55.9679, 61.6323,
69.1022

125.4045,
136.6277, 152.1486

40.4141, 44.7357,
50.3227

157.3595,
171.0093, 190.1284

28.0472, 31.2493,
35.2969

194.3283,
210.7231, 233.9547

18.5019, 20.7887,
23.6063

236.6761,
256.1536, 284.0460

11.4128, 12.9697,
14.8323

284.7684,
307.6850, 340.8208

6.4145, 7.4077,
8.5565

338.9704,

3.1418, 3.7183,

365.7019, 404.6976

4.3602

399.6475,
430.5886, 476.0950

■ 1.2292, 1.5173,
1.8250

■ 0.1292, 0.3008,
0.4443

■ 75.0740, 82.3236,
92.0540

■ 75.0740, 82.3236,
92.0540

■ 68.2370, 78.8224,
90.7803

■ 82.9407, 86.3600,
93.3861

■ 62.3795, 75.8238,
89.5574

■ 87.4724, 88.6747,
94.5671

■ 57.4576, 73.3073,
88.3849

■ 87.6594, 88.7495,
95.5516

■ 53.4211, 71.2471,
87.2606

■ 87.8476, 88.8248,
96.5428

50.2153, 69.6150,
86.1818

88.0372, 88.9006,
97.5409

47.7795, 68.3797,
85.1458

88.2280, 88.9770,
98.5459

46.0445, 67.5056,
84.1491

88.4201, 89.0538,
99.5577

44.9291, 66.9506,
83.1881

88.6136, 89.1312,
100.5764

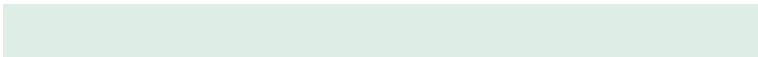
44.3208, 66.6570,
82.2575

88.8084, 89.2091,
101.6020

Harmonies

Analogous

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



75.0862, 82.3236, 87.1301



75.0740, 82.3236, 92.0540



75.9031, 82.3236, 96.4840

Triad

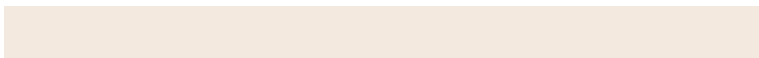
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0740, 82.3236, 92.0540



80.6019, 82.3236, 96.5870



79.1328, 82.3236, 80.7714

Complementary

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



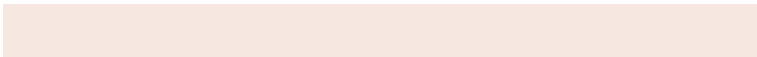
75.0740, 82.3236, 92.0540



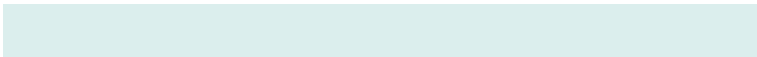
73.5127, 74.0096, 78.1247

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.



80.6368, 82.3236, 83.1207



75.0740, 82.3236, 92.0540



81.4935, 82.3236, 92.1903

Square

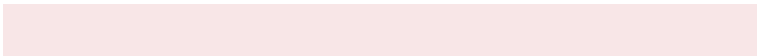
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0740, 82.3236, 92.0540



79.0858, 82.3236, 99.1658



81.5063, 82.3236, 87.2615



77.4124, 82.3236, 80.7380

Rectangle

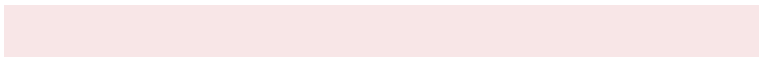
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0740, 82.3236, 92.0540



76.8285, 82.3236, 98.5098



81.5063, 82.3236, 87.2615



79.6810, 82.3236, 81.3125

Sweetspot

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



75.0764, 82.3271, 92.0558



93.1552, 99.0282, 108.5851



72.9591, 81.5244, 78.9095



19.9589, 21.2063, 23.2450



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.



75.0764, 82.3271, 92.0558



86.0668, 95.3939, 107.3517



72.8803, 77.6997, 92.0494



16.2092, 17.9137, 20.1245



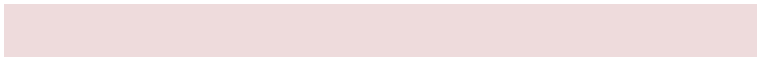
24.6880, 37.1672, 45.8676



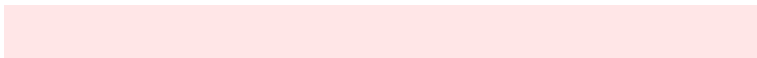
2.0648, 3.0964, 3.8735

Inverse Universe

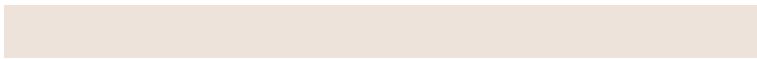
The Inverse Universe completely reimagines the original color for something new.



73.5127, 74.0096, 78.1247



83.8000, 83.3366, 87.1568



75.5820, 78.3604, 78.1605



15.8066, 15.7724, 16.5380



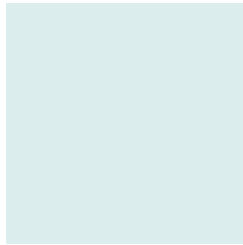
19.7246, 10.1623, 1.2004



1.6527, 0.8501, 0.1621

Previews

White Background



This preview shows how the XYZ color 75.0740, 82.3236, 92.0540 looks on a white background.

Color Contrast Check

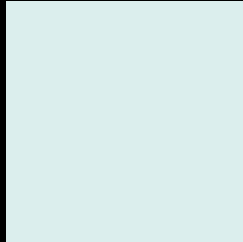
Large Text (above 18pt) WCAG AA × Fail

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 75.0740, 82.3236, 92.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

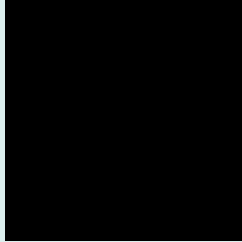
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

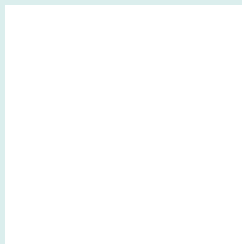
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0740, 82.3236, 92.0540

Background



This preview shows how black text looks on a background with the XYZ color 75.0740, 82.3236, 92.0540.



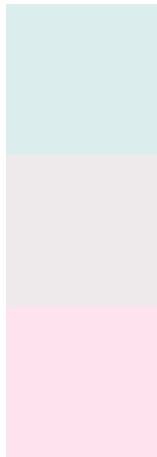
This preview shows how white text looks on a background with the XYZ color 75.0740, 82.3236,

92.0540.

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

75.0740, 82.3236, 92.0540

Protanopia

79.2501, 82.3955, 89.5689

Deuteranopia

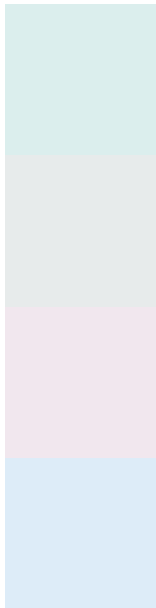
83.9221, 82.2410, 93.1123



Tritanopia

77.7219, 82.1020, 105.5168

Trichromacy



Original Color

75.0740, 82.3236, 92.0540

Protanomaly

77.6587, 82.4037, 90.4097

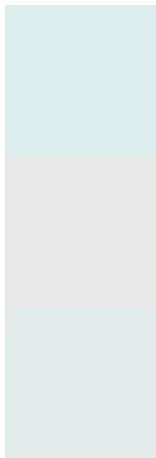
Deuteranomaly

80.2842, 82.0256, 92.4900

Tritanomaly

76.7575, 82.1404, 100.6161

Monochromacy



Original Color

75.0740, 82.3236, 92.0540

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9527, 81.1170, 89.4959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0740, 82.3236, 92.0540 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(219, 238, 237)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 237)  
}
```

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(219, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 237) }
```

Border

The CSS property to change the border of an element to XYZ 75.0740, 82.3236, 92.0540 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(219, 238, 237) }
```


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

```
.border{ border-color:rgb(219, 238, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 238, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0740, 82.3236, 92.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 237) }
```

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

```
.background{ background-color: rgb(219,  
238, 237) }
```

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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