

Converting Colors

XYZ(75.0778, 84.0564, 89.3712)

Have a look what the booklet for
XYZ(75.0778, 84.0564, 89.3712)
contains.

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Color

**XYZ(75.0754, 84.1392,
89.3744)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2E9
RGB	217, 242, 233
RGB Percent	85%, 95%, 91%
CMY	0.1490, 0.0510, 0.0863
CMYK	0.10, 0.00, 0.04, 0.05
HSL	158°, 49%, 90%
HSV	158°, 10%, 95%
XYZ	75.0754, 84.1392, 89.3744
YIQ	233.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

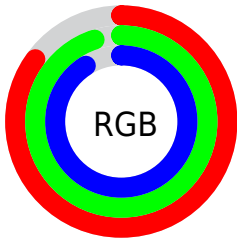
Format	Color
R _{YB}	217, 232, 242
Decimal	14283497
CIE Lab	93.51, -9.84, 1.55
CIE LCh	94, 9.959, 171.041
Yxy	84.1392, 0.3020, 0.3385
Android (android.graphics.Color)	4292473577 (0xFFD9F2E9)
YUV	233.4990, -0.2460, -14.4696
Hunter-Lab	91.7274, -14.4275, 6.4401

Details

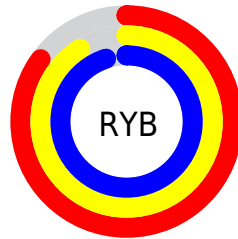
The XYZ color **75.0754, 84.1392, 89.3744** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1613, 73.9961, 82.2767**, and the grayscale version is **77.8384, 81.8921, 89.1805**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3950, 45.9735, 48.3397** is the 20% darker color. If you saturate the color by 10%, you get **67.1890, 80.2162, 82.6675**, and if you desaturate by 10%, it is **84.0829, 88.6376, 96.4582**.

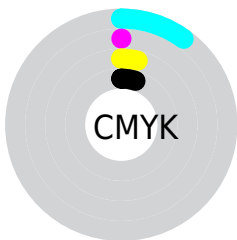
Distribution



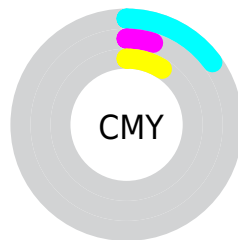
- Red (85%)
- Green (95%)
- Blue (91%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0754, 84.1392, 89.3744 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 75.0754, 84.1392, 89.3744 by changing the saturation by 10% instead.

75.0754, 84.1392,
89.3744

75.0754, 84.1392,
89.3744

467.1699,
508.7754, 546.5112

55.9691, 63.1304,
66.8911

125.4064,
139.1699, 148.3970

40.4150, 45.9467,
48.5351

157.3618,
173.9605, 185.7734

28.0479, 32.2038,
33.8878

194.3309,
214.1139, 228.9513

18.5024, 21.5172,
22.5308

236.6791,
260.0144, 278.3491

11.4132, 13.5026,
14.0454

284.7718,
312.0464, 334.3855

6.4148, 7.7755,
8.0131

338.9742,

3.1419, 3.9516,

370.5943, 397.4789

4.0155

399.6518,
436.0425, 468.0480

■ 1.2293, 1.6465,
1.6338

■ 0.1293, 0.3887,
0.3148

■ 75.0754, 84.1392,
89.3744

■ 75.0754, 84.1392,
89.3744

■ 67.1890, 80.2162,
82.6675

■ 84.0829, 88.6376,
96.4582

■ 60.3699, 76.8342,
76.3252

■ 90.3167, 91.6966,
103.7360

■ 54.5705, 73.9709,
70.3424

■ 91.0437, 91.9875,
107.5646

■ 49.7368, 71.5987,
64.7117

■ 45.8095, 69.6870,
59.4254

■ 42.7225, 68.2020,
54.4755

■ 40.4002, 67.1047,
49.8532

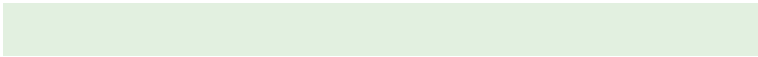
■ 38.7528, 66.3490,
45.5490

■ 37.6584, 65.8693,
41.6783

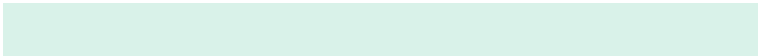
Harmonies

Analogous

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



76.1001, 84.1392, 82.7977



75.0754, 84.1392, 89.3744



75.3401, 84.1392, 96.9171

Triad

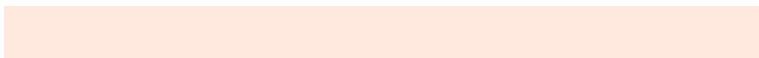
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0754, 84.1392, 89.3744



81.8029, 84.1392, 105.8197



83.1967, 84.1392, 80.7972

Complementary

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



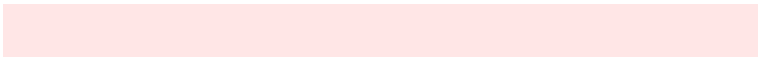
75.0754, 84.1392, 89.3744



75.1613, 73.9961, 82.2767

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.



84.7895, 84.1392, 86.5066



75.0754, 84.1392, 89.3744



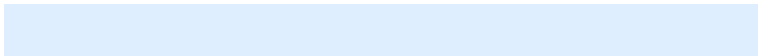
83.9726, 84.1392, 101.0334

Square

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



75.0754, 84.1392, 89.3744



79.1862, 84.1392, 106.6915



85.0766, 84.1392, 93.8893



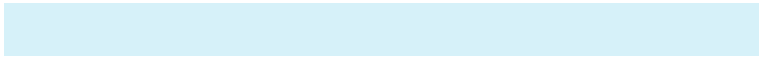
80.7626, 84.1392, 78.0271

Rectangle

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



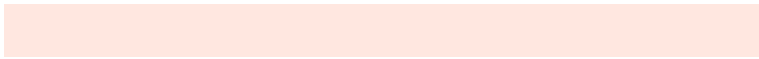
75.0754, 84.1392, 89.3744



76.2146, 84.1392, 101.4649



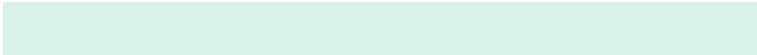
85.0766, 84.1392, 93.8893



83.8505, 84.1392, 82.4210

Sweetspot

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



75.0778, 84.1428, 89.3763



91.8509, 98.4017, 106.4517



75.6957, 84.7135, 78.0086



19.4811, 20.9727, 22.6464



0.0000, 0.0000, 0.0000



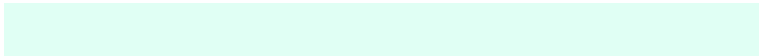
20.3446, 21.4041, 23.3091

Same Dimension

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



75.0778, 84.1428, 89.3763



82.9509, 93.9618, 99.3374



75.4141, 82.7040, 95.9974



15.9917, 17.8267, 18.9794



20.2971, 35.4109, 22.7453



1.7359, 2.9648, 2.1417

Inverse Universe

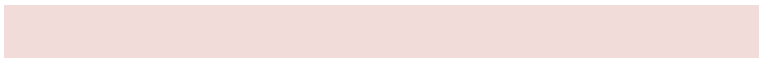
The Inverse Universe completely reimagines the original color for something new.



75.1613, 73.9961, 82.2767



83.0593, 80.8090, 90.1349



74.8258, 75.2508, 76.2280



16.0080, 15.8529, 17.5983



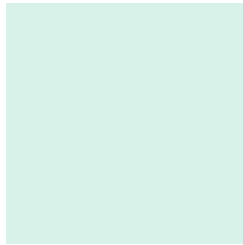
20.6582, 10.5357, 6.1166



1.7645, 0.8949, 0.7510

Previews

White Background



This preview shows how the XYZ color 75.0754, 84.1392, 89.3744 looks on a white background.

Color Contrast Check

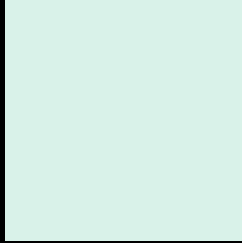
Large Text (above 18pt) WCAG AA × Fail

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 75.0754, 84.1392, 89.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

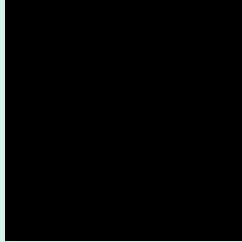
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

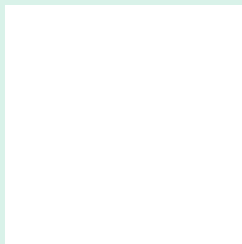
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0754, 84.1392, 89.3744

Background



This preview shows how black text looks on a background with the XYZ color 75.0754, 84.1392, 89.3744.



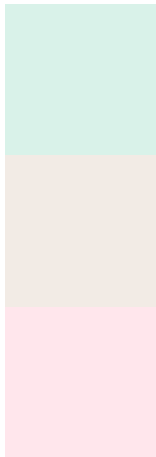
This preview shows how white text looks on a background with the XYZ color 75.0754, 84.1392,

89.3744.

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

75.0754, 84.1392, 89.3744

Protanopia

80.4691, 83.9510, 86.0917

Deuteranopia

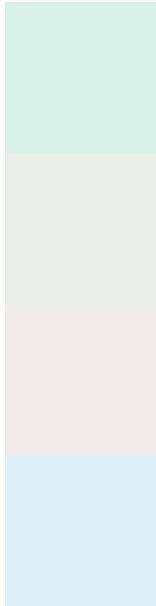
84.6771, 83.9098, 91.0901



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

75.0754, 84.1392, 89.3744

Protanomaly

78.4617, 84.1859, 86.9770

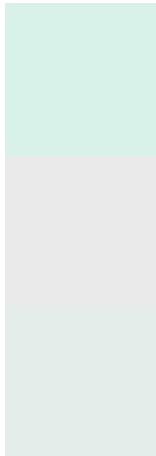
Deuteranomaly

80.6938, 83.5446, 90.4700

Tritanomaly

77.4738, 83.8206, 100.0914

Monochromacy



Original Color

75.0754, 84.1392, 89.3744

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.1304, 83.0029, 89.7979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0754, 84.1392, 89.3744 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(217, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 233)  
}
```

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(217, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.0754, 84.1392, 89.3744 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(217, 242, 233) }
```


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

```
.border{ border-color:rgb(217, 242, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 242, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(217, 242,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0754, 84.1392, 89.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 233) }
```

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

```
.background{ background-color: rgb(217,  
242, 233) }
```

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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