

Converting Colors

XYZ(75.3936, 83.9572, 90.9873)

Have a look what the booklet for
XYZ(75.3936, 83.9572, 90.9873)
contains.

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Color

**XYZ(75.3641, 83.8142,
90.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1EB
RGB	218, 241, 235
RGB Percent	85%, 95%, 92%
CMY	0.1451, 0.0549, 0.0784
CMYK	0.10, 0.00, 0.02, 0.05
HSL	164°, 45%, 90%
HSV	164°, 10%, 95%
XYZ	75.3641, 83.8142, 90.8029
YIQ	233.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

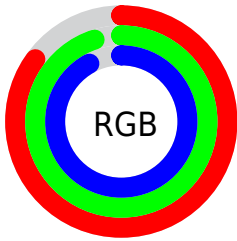
Format	Color
R _Y B	218, 231, 241
Decimal	14348779
CIE Lab	93.37, -8.64, 0.31
CIE LCh	93, 8.643, 177.912
Yxy	83.8142, 0.3015, 0.3353
Android (android.graphics.Color)	4292538859 (0xFFDAF1EB)
YUV	233.4390, 0.7696, -13.5400
Hunter-Lab	91.5501, -13.2713, 5.2790

Details

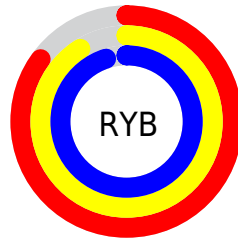
The XYZ color **75.3641, 83.8142, 90.8029** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8046, 74.2275, 80.9095**, and the grayscale version is **77.7856, 81.8365, 89.1200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5899, 45.7391, 49.3370** is the 20% darker color. If you saturate the color by 10%, you get **67.7823, 80.0111, 85.7891**, and if you desaturate by 10%, it is **84.0307, 88.1775, 96.0387**.

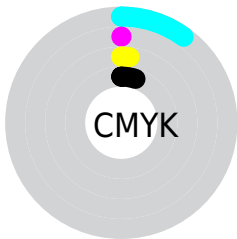
Distribution



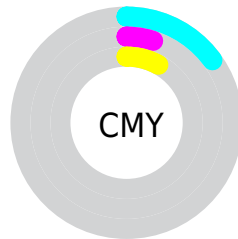
- Red (85%)
- Green (95%)
- Blue (92%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)




- Cyan (15%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3641, 83.8142, 90.8029 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 75.3641, 83.8142, 90.8029 by changing the saturation by 10% instead.


 75.3641, 83.8142,
90.8029

 75.3641, 83.8142,
90.8029


468.1460,
507.6960, 551.2766

 56.2065, 62.8620,
68.0693


125.8128,
138.7152, 150.3984

 40.6061, 45.7296,
49.4871


157.8345,
173.4329, 188.0974

 28.1978, 32.0325,
34.6377


194.8750,
213.5079, 231.6219

 18.6160, 21.3863,
23.1026

237.2996,
259.3246, 281.3905

 11.4955, 13.4067,
14.4633

285.4736,
311.2673, 337.8217

 6.4709, 7.7092,
8.3012

339.7625,

 3.1768, 3.9094,

369.7205, 401.3341

4.1977

400.5315,
435.0687, 472.3462

■ 1.2480, 1.6230,
1.7344

■ 0.1437, 0.3731,
0.3842

■ 75.3641, 83.8142,
90.8029

■ 75.3641, 83.8142,
90.8029

■ 67.7823, 80.0111,
85.7891

■ 84.0307, 88.1775,
96.0387

■ 61.2328, 76.7342,
80.9879

■ 89.5753, 90.9252,
101.2962

■ 55.6694, 73.9620,
76.3971

■ 90.5657, 91.3213,
106.5116

■ 51.0395, 71.6675,
72.0127

■ 90.7469, 91.3938,
107.4656

■ 47.2854, 69.8208,
67.8299

■ 44.3429, 68.3891,
63.8441

■ 42.1388, 67.3346,
60.0500

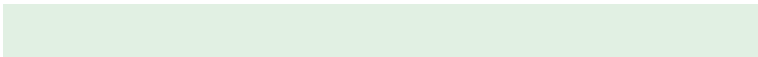
■ 40.5861, 66.6124,
56.4415

■ 39.5459, 66.1510,
53.0103

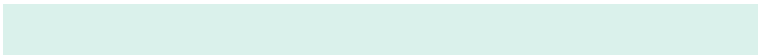
Harmonies

Analogous

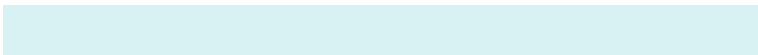
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0082, 83.8142, 84.7545



75.3641, 83.8142, 90.8029



75.8535, 83.8142, 97.2602

Triad

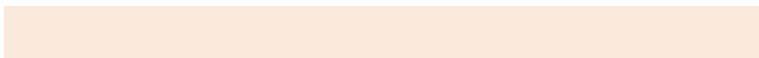
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3641, 83.8142, 90.8029



81.7315, 83.8142, 102.8029



82.0132, 83.8142, 81.0358

Complementary

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



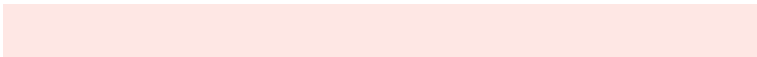
75.3641, 83.8142, 90.8029



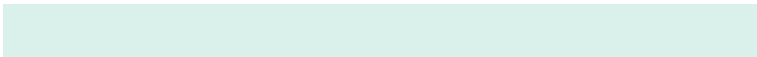
74.8046, 74.2275, 80.9095

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.



83.5977, 83.8142, 85.5107



75.3641, 83.8142, 90.8029



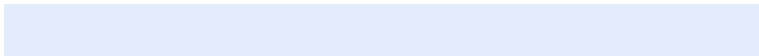
83.4329, 83.8142, 98.0889

Square

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



75.3641, 83.8142, 90.8029



79.5033, 83.8142, 104.3823



84.1221, 83.8142, 91.7175



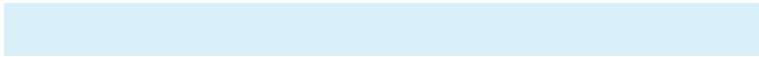
79.8227, 83.8142, 79.2853

Rectangle

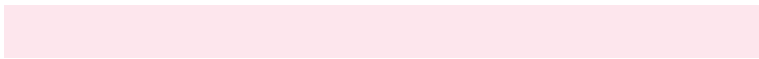
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



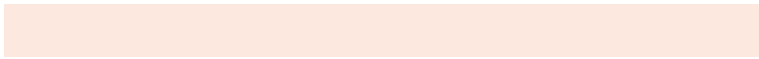
75.3641, 83.8142, 90.8029



76.7621, 83.8142, 100.8918



84.1221, 83.8142, 91.7175



82.6359, 83.8142, 82.2605

Sweetspot

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



75.3665, 83.8177, 90.8048



91.9715, 98.4499, 107.0867



74.8946, 83.8449, 78.5671



19.5137, 20.9858, 22.8181



0.0000, 0.0000, 0.0000



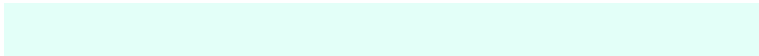
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3665, 83.8177, 90.8048



84.3163, 94.6002, 102.3620



74.6832, 81.0395, 94.9293



16.0609, 17.8544, 19.3438



21.4789, 35.8836, 28.9686



1.8273, 3.0014, 2.6230

Inverse Universe

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



74.8046, 74.2275, 80.9095



83.5856, 82.1269, 89.4926



75.4190, 76.7366, 77.1674



15.9421, 15.8266, 17.2515



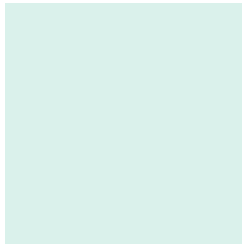
20.2033, 10.3537, 3.7210



1.7202, 0.8771, 0.5173

Previews

White Background



This preview shows how the XYZ color 75.3641, 83.8142, 90.8029 looks on a white background.

Color Contrast Check

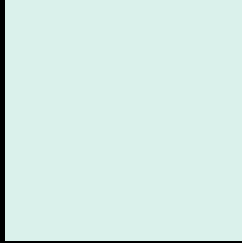
Large Text (above 18pt) WCAG AA × Fail

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 75.3641, 83.8142, 90.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

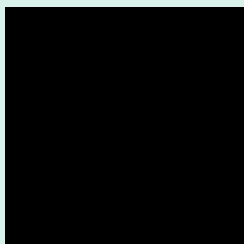
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

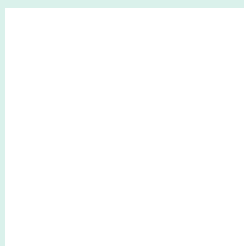
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3641, 83.8142, 90.8029

Background



This preview shows how black text looks on a background with the XYZ color 75.3641, 83.8142, 90.8029.



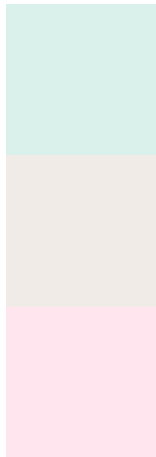
This preview shows how white text looks on a background with the XYZ color 75.3641, 83.8142,

90.8029.

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

75.3641, 83.8142, 90.8029

Protanopia

80.4078, 83.8870, 87.5552

Deuteranopia

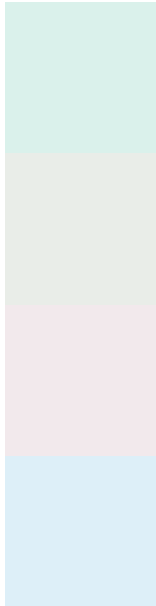
84.5454, 83.4130, 91.7651



Tritanopia

79.0560, 84.0570, 106.6657

Trichromacy



Original Color

75.3641, 83.8142, 90.8029

Protanomaly

78.4539, 83.7182, 88.3682

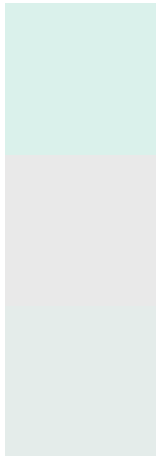
Deuteranomaly

80.8972, 83.2112, 91.1545

Tritanomaly

77.6286, 83.8825, 100.9064

Monochromacy



Original Color

75.3641, 83.8142, 90.8029

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8416, 82.4254, 89.7016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3641, 83.8142, 90.8029 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(218, 241, 235)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 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(218, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.3641, 83.8142, 90.8029 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(218, 241, 235) }
```


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

```
.border{ border-color:rgb(218, 241, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3641, 83.8142, 90.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 235) }
```

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

```
.background{ background-color: rgb(218,  
241, 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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