

Converting Colors

XYZ(73.4120, 82.3353, 89.1921)

Have a look what the booklet for
XYZ(73.4120, 82.3353, 89.1921)
contains.

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Color

**XYZ(73.3086, 82.3495,
89.1221)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F0E9
RGB	213, 240, 233
RGB Percent	84%, 94%, 91%
CMY	0.1647, 0.0588, 0.0863
CMYK	0.11, 0.00, 0.03, 0.06
HSL	164°, 47%, 89%
HSV	164°, 11%, 94%
XYZ	73.3086, 82.3495, 89.1221
YIQ	231.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

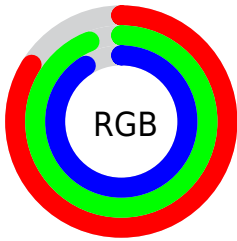
Format	Color
R _{YB}	213, 229, 240
Decimal	14020841
CIE _{Lab}	92.73, -10.12, 0.38
CIE _{LCh}	93, 10.128, 177.856
Y _{xy}	82.3495, 0.2995, 0.3364
Android (android.graphics.Color)	4292210921 (0xFFD5F0E9)
YUV	231.1290, 0.9224, -15.8991
Hunter-Lab	90.7466, -14.6075, 5.2940

Details

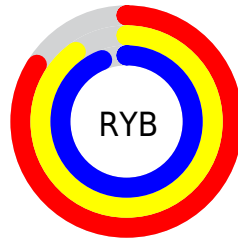
The XYZ color **73.3086, 82.3495, 89.1221** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6506, 71.2831, 77.6437**, and the grayscale version is **76.0543, 80.0151, 87.1364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1769, 44.7244, 48.1628** is the 20% darker color. If you saturate the color by 10%, you get **65.9826, 78.6760, 84.2202**, and if you desaturate by 10%, it is **81.7009, 86.5736, 94.2411**.

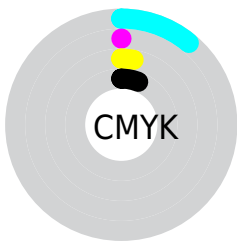
Distribution



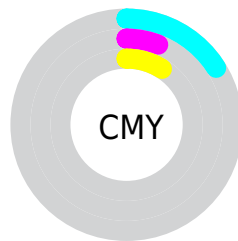
- Red (84%)
- Green (94%)
- Blue (91%)



- Red (84%)
- Yellow (90%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3086, 82.3495, 89.1221 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 73.3086, 82.3495, 89.1221 by changing the saturation by 10% instead.

73.3086, 82.3495,
89.1221

73.3086, 82.3495,
89.1221

461.1709,
502.8160, 545.6672

54.5176, 61.6537,
66.6831

122.9160,
136.6640, 148.0432

39.2480, 44.7529,
48.3672

154.4631,
171.0515, 185.3624

27.1343, 31.2628,
33.7557

190.9929,
210.7716, 228.4788

17.8112, 20.7991,
22.4302

232.8709,
256.2088, 277.8109

10.9134, 12.9772,
13.9720

280.4623,
307.7474, 333.7772

6.0755, 7.4129,
7.9626

334.1326,

2.9321, 3.7216,

365.7719, 396.7964

3.9836

394.2470,
430.6666, 467.2868

■ 1.1180, 1.5191,
1.6164

■ 0.0401, 0.3021,
0.3025

■ 73.3086, 82.3495,
89.1221

■ 73.3086, 82.3495,
89.1221

■ 65.9826, 78.6760,
84.2202

■ 81.7009, 86.5736,
94.2411

■ 59.6704, 75.5193,
79.5261

■ 88.9520, 90.2034,
99.4704

■ 54.3257, 72.8578,
75.0377

■ 89.9210, 90.5910,
104.5727

■ 49.8956, 70.6643,
70.7509

■ 90.4516, 90.8033,
107.3672

■ 46.3220, 68.9089,
66.6610

■ 43.5402, 67.5582,
62.7634

■ 41.4757, 66.5739,
59.0528

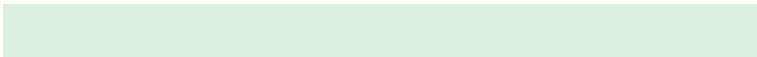
■ 40.0394, 65.9101,
55.5231

■ 39.1733, 65.5280,
52.5761

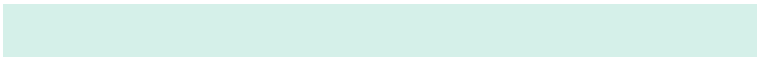
Harmonies

Analogous

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



74.0523, 82.3495, 82.1527



73.3086, 82.3495, 89.1221



73.8695, 82.3495, 96.6280

Triad

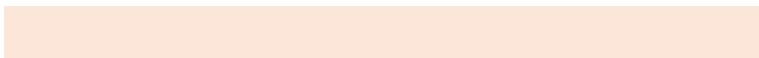
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3086, 82.3495, 89.1221



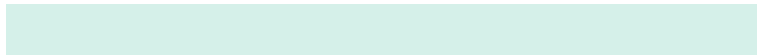
80.6658, 82.3495, 103.1368



81.0017, 82.3495, 77.9138

Complementary

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



73.3086, 82.3495, 89.1221



72.6506, 71.2831, 77.6437

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.



82.8434, 82.3495, 83.0441



73.3086, 82.3495, 89.1221



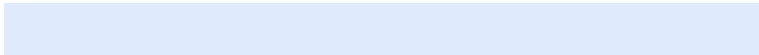
82.6464, 82.3495, 97.6210

Square

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



73.3086, 82.3495, 89.1221



78.0811, 82.3495, 104.9853



83.4519, 82.3495, 90.2093



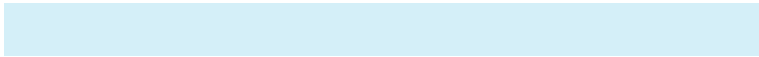
78.4607, 82.3495, 75.9120

Rectangle

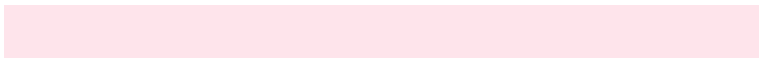
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



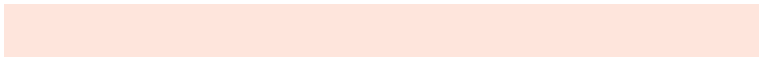
73.3086, 82.3495, 89.1221



74.9150, 82.3495, 100.8775



83.4519, 82.3495, 90.2093



81.7252, 82.3495, 79.3150

Sweetspot

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



73.3109, 82.3530, 89.1239



91.9735, 98.4507, 107.0972



72.7487, 82.3748, 75.0176



19.5143, 20.9860, 22.8209



0.0000, 0.0000, 0.0000



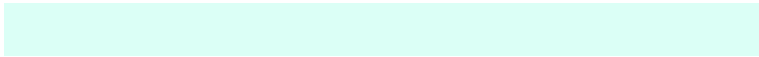
20.3446, 21.4041, 23.3091

Same Dimension

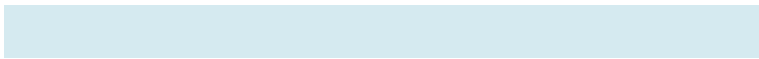
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3109, 82.3530, 89.1239



81.6586, 93.2646, 100.6785



72.5088, 79.1155, 93.8914



16.0621, 17.8549, 19.3499



21.5002, 35.8921, 29.0807



1.8289, 3.0020, 2.6316

Inverse Universe

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



72.6506, 71.2831, 77.6437



80.7312, 77.7123, 84.5513



73.3579, 74.1514, 73.3982



15.9411, 15.8261, 17.2458



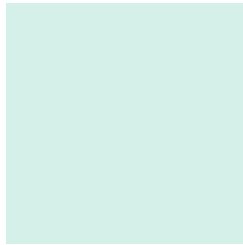
20.1971, 10.3513, 3.6886



1.7195, 0.8769, 0.5139

Previews

White Background



This preview shows how the XYZ color 73.3086, 82.3495, 89.1221 looks on a white background.

Color Contrast Check

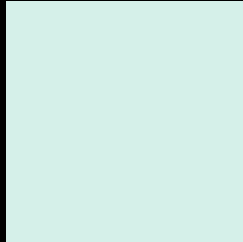
Large Text (above 18pt) WCAG AA × Fail

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 73.3086, 82.3495, 89.1221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

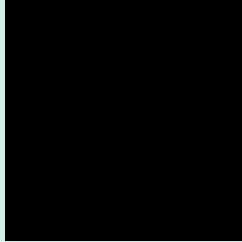
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

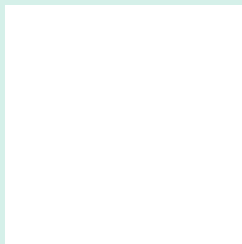
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3086, 82.3495, 89.1221

Background



This preview shows how black text looks on a background with the XYZ color 73.3086, 82.3495, 89.1221.



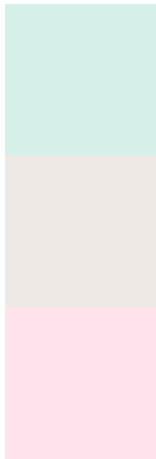
This preview shows how white text looks on a background with the XYZ color 73.3086, 82.3495,

89.1221.

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

73.3086, 82.3495, 89.1221

Protanopia

78.8784, 82.2857, 85.8541

Deuteranopia

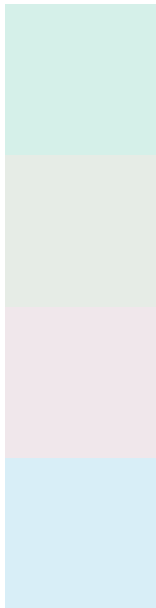
83.5767, 81.7088, 90.7233



Tritanopia

76.9495, 82.5401, 106.4839

Trichromacy



Original Color

73.3086, 82.3495, 89.1221

Protanomaly

76.9115, 82.5271, 86.7386

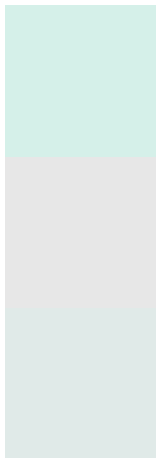
Deuteranomaly

79.5065, 81.6753, 90.1717

Tritanomaly

75.6819, 82.4634, 99.9239

Monochromacy



Original Color

73.3086, 82.3495, 89.1221

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.7288, 80.5191, 87.9470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3086, 82.3495, 89.1221 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(213, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 240, 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(213, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 240, 233) }
```

Border

The CSS property to change the border of an element to XYZ 73.3086, 82.3495, 89.1221 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(213, 240, 233) }
```


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

```
.border{ border-color:rgb(213, 240, 233) }
```

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

Here you see how a box with a 4 pixel rgb(213, 240, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(213, 240,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3086, 82.3495, 89.1221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 240, 233) }
```

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

```
.background{ background-color: rgb(213,  
240, 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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