

Converting Colors

XYZ(71.0068, 78.9410, 91.6154)

Have a look what the booklet for
XYZ(71.0068, 78.9410, 91.6154)
contains.

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Color

**XYZ(71.0068, 78.9410,
91.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	D0EBED
RGB	208, 235, 237
RGB Percent	82%, 92%, 93%
CMY	0.1843, 0.0784, 0.0706
CMYK	0.12, 0.01, 0.00, 0.07
HSL	184°, 45%, 87%
HSV	184°, 12%, 93%
XYZ	71.0068, 78.9410, 91.6154
YIQ	227.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

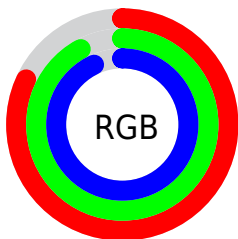
Format	Color
R _Y B	208, 222, 237
Decimal	13691885
CIE Lab	91.21, -8.41, -3.97
CIE LCh	91, 9.305, 205.275
Yxy	78.9410, 0.2939, 0.3268
Android (android.graphics.Color)	4291881965 (0xFFD0EBED)
YUV	227.1550, 4.8536, -16.7989
Hunter-Lab	88.8487, -12.8304, 1.0579

Details

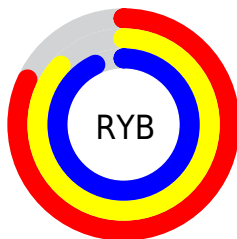
The XYZ color **71.0068, 78.9410, 91.6154** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3572, 68.6514, 69.2713**, and the grayscale version is **73.1028, 76.9098, 83.7548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5975, 42.3487, 49.9086** is the 20% darker color. If you saturate the color by 10%, you get **64.3706, 74.8317, 91.1732**, and if you desaturate by 10%, it is **78.6475, 83.5787, 92.1091**.

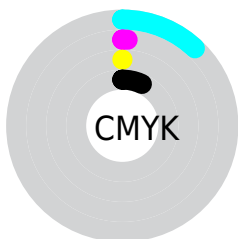
Distribution



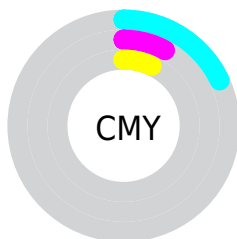
- Red (82%)
- Green (92%)
- Blue (93%)



- Red (82%)
- Yellow (87%)
- Blue (93%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0068, 78.9410, 91.6154 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 71.0068, 78.9410, 91.6154 by changing the saturation by 10% instead.

71.0068, 78.9410,
91.6154

71.0068, 78.9410,
91.6154

453.2887,
491.3567, 553.9769

52.6303, 58.8473,
68.7400

119.6619,
131.8758, 151.5353

37.7340, 42.4902,
50.0295

150.6712,
165.4857, 189.4169

25.9526, 29.4853,
35.0655

186.6221,
204.3698, 233.1376

16.9207, 19.4483,
23.4294

227.8800,
248.9124, 283.1159

10.2729, 11.9946,
14.7026

274.8102,
299.4980, 339.7705

5.6439, 6.7400,
8.4666

327.7782,

2.6684, 3.3001,

356.5110, 403.5198

4.3029

387.1492,
420.3358, 474.7825

■ 0.9809, 1.2903,
1.7930

■ 0.0000, 0.1337,
0.4233

■ 71.0068, 78.9410,
91.6154

■ 71.0068, 78.9410,
91.6154

■ 64.3706, 74.8317,
91.1732

■ 78.6475, 83.5787,
92.1091

■ 58.6881, 71.2183,
90.7753

■ 87.1790, 88.6800,
92.6441

■ 53.9142, 68.0796,
90.4211

■ 87.6569, 89.6358,
92.8034

■ 49.9975, 65.3891,
90.1082

■ 88.1392, 90.6003,
92.9641

■ 46.8816, 63.1177,
89.8340

■ 88.6258, 91.5734,
93.1263

■ 44.5032, 61.2328,
89.5955

■ 89.1167, 92.5553,
93.2900

■ 42.7892, 59.6967,
89.3894

■ 89.6119, 93.5458,
93.4551

■ 41.6519, 58.4641,
89.2114

■ 90.1116, 94.5451,
93.6216

■ 41.0597, 57.6614,
89.0877

■ 90.6156, 95.5531,
93.7896

Harmonies

Analogous

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



70.6042, 78.9410, 84.8886



71.0068, 78.9410, 91.6154



72.4788, 78.9410, 97.0692

Triad

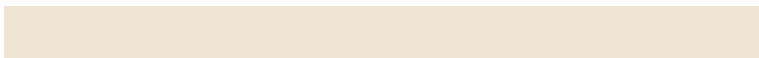
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0068, 78.9410, 91.6154



78.8181, 78.9410, 93.5614



75.4050, 78.9410, 73.6554

Complementary

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



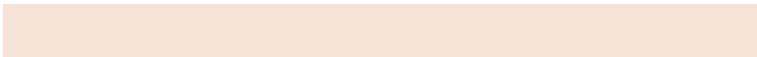
71.0068, 78.9410, 91.6154



69.3572, 68.6514, 69.2713

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.



77.6425, 78.9410, 75.7202



71.0068, 78.9410, 91.6154



79.6392, 78.9410, 87.0270

Square

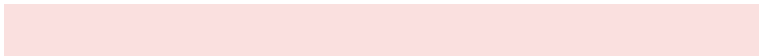
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0068, 78.9410, 91.6154



76.9829, 78.9410, 98.2333



79.2045, 78.9410, 80.5295



73.1125, 78.9410, 74.7419

Rectangle

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



71.0068, 78.9410, 91.6154



73.8849, 78.9410, 99.1283



79.2045, 78.9410, 80.5295



76.1890, 78.9410, 74.0007

Sweetspot

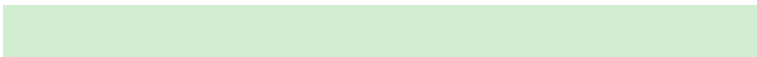
The Sweet Spot groups the original color and five complimentary colors.



71.0091, 78.9443, 91.6172



91.1728, 97.6693, 108.6545



67.9224, 78.6294, 72.5276



19.3634, 20.8139, 23.2469



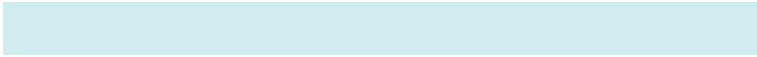
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



71.0091, 78.9443, 91.6172



81.5167, 91.7848, 108.0276



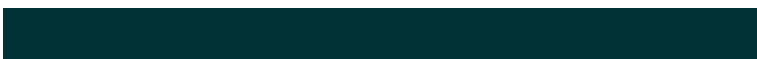
67.0419, 71.0100, 90.2948



15.4237, 16.9339, 19.3779



22.4566, 31.5603, 48.6511



1.7901, 2.5317, 3.8292

Inverse Universe

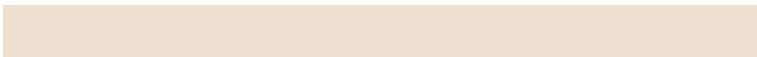
The Inverse Universe completely reimagines the original color for something new.



72.4781, 69.1160, 88.1218



83.6173, 77.8085, 103.0119



73.0837, 76.1045, 70.5135



15.6674, 15.2948, 18.8000



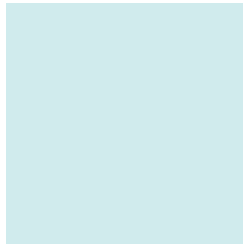
26.1904, 12.6788, 38.3994



2.0701, 1.0010, 3.0863

Previews

White Background



This preview shows how the XYZ color 71.0068, 78.9410, 91.6154 looks on a white background.

Color Contrast Check

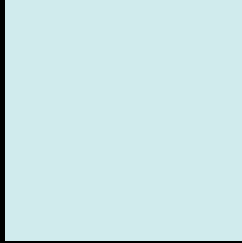
Large Text (above 18pt) WCAG AA × Fail

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 71.0068, 78.9410, 91.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

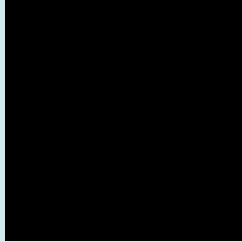
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

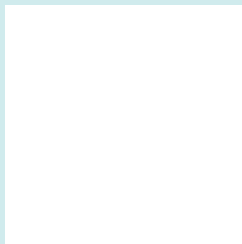
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0068, 78.9410, 91.6154

Background



This preview shows how black text looks on a background with the XYZ color 71.0068, 78.9410, 91.6154.



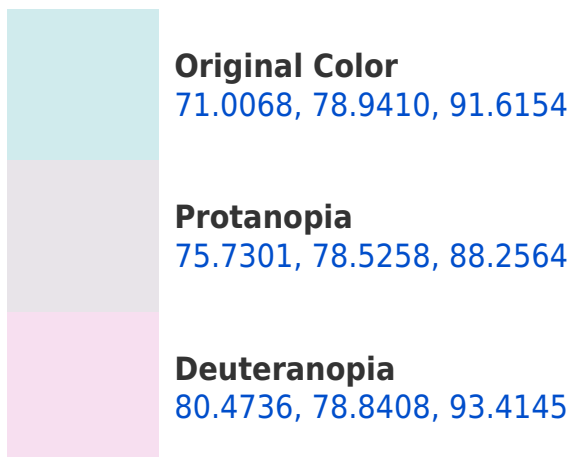
This preview shows how white text looks on a background with the XYZ color 71.0068, 78.9410,

91.6154.

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

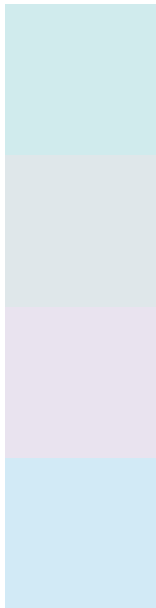




Tritanopia

73.4155, 79.0917, 102.6636

Trichromacy



Original Color

71.0068, 78.9410, 91.6154

Protanomaly

73.8586, 78.7803, 89.1553

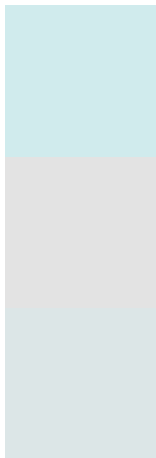
Deuteranomaly

76.6533, 78.4938, 92.7721

Tritanomaly

72.6357, 79.2011, 98.6478

Monochromacy



Original Color

71.0068, 78.9410, 91.6154

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.2358, 77.5788, 86.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0068, 78.9410, 91.6154 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(208, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 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(208, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.0068, 78.9410, 91.6154 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(208, 235, 237) }
```


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

```
.border{ border-color:rgb(208, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 235,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0068, 78.9410, 91.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 237) }
```

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

```
.background{ background-color: rgb(208,  
235, 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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