

Converting Colors

XYZ(71.6774, 78.9960, 89.7567)

Have a look what the booklet for
XYZ(71.6774, 78.9960, 89.7567)
contains.

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Color

**XYZ(71.5696, 78.8408,
90.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EAEB
RGB	212, 234, 235
RGB Percent	83%, 92%, 92%
CMY	0.1686, 0.0823, 0.0784
CMYK	0.10, 0.00, 0.00, 0.08
HSL	183°, 37%, 88%
HSV	183°, 10%, 92%
XYZ	71.5696, 78.8408, 90.0429
YIQ	227.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

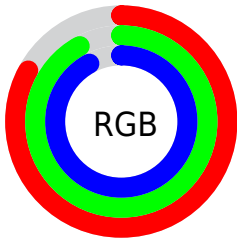
Format	Color
R _Y B	212, 223, 235
Decimal	13953771
CIE Lab	91.16, -7.02, -2.96
CIE LCh	91, 7.623, 202.886
Yxy	78.8408, 0.2976, 0.3279
Android (android.graphics.Color)	4292143851 (0xFFD4EAEB)
YUV	227.5360, 3.6798, -13.6251
Hunter-Lab	88.7923, -11.5096, 2.0296

Details

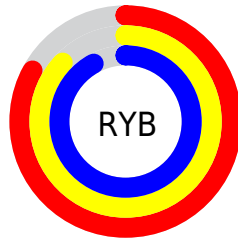
The XYZ color **71.5696, 78.8408, 90.0429** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.9393, 70.0039, 72.1147**, and the grayscale version is **73.3868, 77.2087, 84.0803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9617, 42.2636, 48.8047** is the 20% darker color. If you saturate the color by 10%, you get **64.9937, 75.0238, 89.6540**, and if you desaturate by 10%, it is **79.1377, 83.1760, 90.4820**.

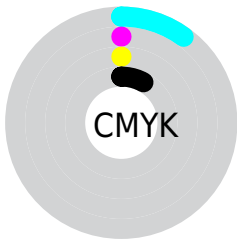
Distribution



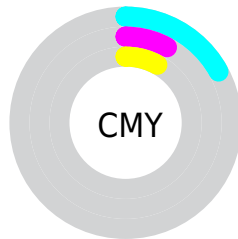
- Red (83%)
- Green (92%)
- Blue (92%)



- Red (83%)
- Yellow (87%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5696, 78.8408, 90.0429 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 71.5696, 78.8408, 90.0429 by changing the saturation by 10% instead.

■ 71.5696, 78.8408,
90.0429

■ 71.5696, 78.8408,
90.0429

455.2231,
491.0176, 548.7441

■ 53.0914, 58.7649,
67.4423

120.4585,
131.7347, 149.3340

■ 38.1035, 42.4239,
48.9803

151.5999,
165.3215, 186.8616

■ 26.2406, 29.4334,
34.2384

187.6931,
204.1808, 230.2020

■ 17.1373, 19.4089,
22.7979

229.1034,
248.6969, 279.7737

■ 10.4284, 11.9661,
14.2405

276.1962,
299.2543, 335.9952

■ 5.7483, 6.7206,
8.1475

329.3369,

■ 2.7319, 3.2880,

356.2372, 399.2851

4.1003

388.8907,
420.0302, 470.0618

■ 1.0136, 1.2839,
1.6805

■ 0.0000, 0.1287,
0.3473

■ 71.5696, 78.8408,
90.0429

■ 71.5696, 78.8408,
90.0429

■ 64.9937, 75.0238,
89.6540

■ 79.1377, 83.1760,
90.4820

■ 59.3608, 71.6933,
89.3080

■ 86.2430, 87.2731,
90.8983

■ 54.6276, 68.8290,
89.0046

■ 86.5371, 87.8612,
90.9964

■ 50.7449, 66.4057,
88.7415

■ 86.8329, 88.4528,
91.0950

47.6587, 64.3954,
88.5161

87.1303, 89.0477,
91.1941

45.3089, 62.7672,
88.3257

87.4294, 89.6459,
91.2938

43.6267, 61.4856,
88.1670

87.7303, 90.2475,
91.3941

42.5304, 60.5085,
88.0362

88.0327, 90.8525,
91.4949

41.8841, 59.7658,
87.9269

88.3369, 91.4608,
91.5963

Harmonies

Analogous

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



71.3144, 78.8408, 84.5350



71.5696, 78.8408, 90.0429



72.7194, 78.8408, 94.5988

Triad

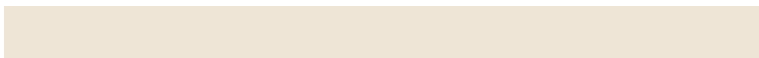
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5696, 78.8408, 90.0429



77.9334, 78.8408, 92.4164



75.3962, 78.8408, 75.7267

Complementary

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



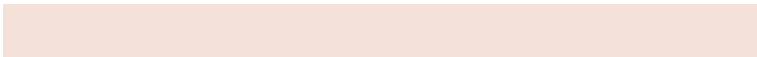
71.5696, 78.8408, 90.0429



69.9393, 70.0039, 72.1147

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.



77.1968, 78.8408, 77.6472



71.5696, 78.8408, 90.0429



78.6778, 78.8408, 87.1669

Square

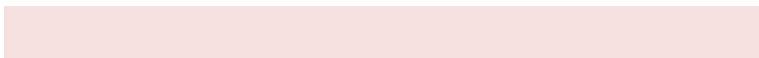
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5696, 78.8408, 90.0429



76.3879, 78.8408, 96.0097



78.4060, 78.8408, 81.7782



73.5023, 78.8408, 76.4229

Rectangle

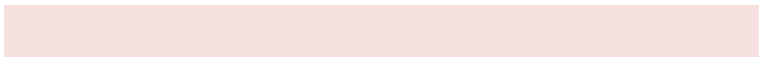
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



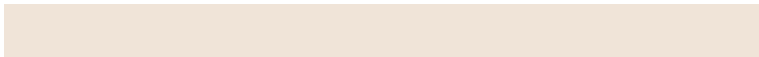
71.5696, 78.8408, 90.0429



73.8493, 78.8408, 96.4044



78.4060, 78.8408, 81.7782



76.0329, 78.8408, 76.0848

Sweetspot

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



71.5719, 78.8441, 90.0446



92.1857, 98.3665, 108.7357



68.8417, 78.2073, 74.2642



19.5717, 20.9631, 23.2647



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.



71.5719, 78.8441, 90.0446



84.2531, 93.8082, 108.2739



68.4646, 72.6296, 89.0089



15.4585, 17.0034, 19.3895



23.3286, 33.3041, 48.9418



1.8492, 2.6499, 3.8489

Inverse Universe

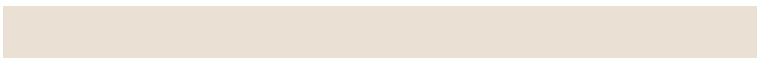
The Inverse Universe completely reimagines the original color for something new.



72.6575, 70.6913, 87.6610



85.8405, 81.9215, 104.7807



72.8733, 75.8718, 73.0927



15.6850, 15.3018, 18.8924



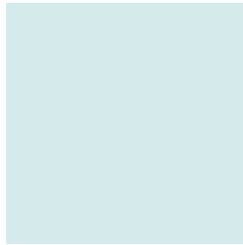
26.6305, 12.8549, 40.7170



2.0999, 1.0129, 3.2434

Previews

White Background



This preview shows how the XYZ color 71.5696, 78.8408, 90.0429 looks on a white background.

Color Contrast Check

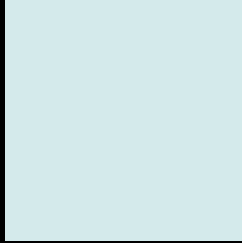
Large Text (above 18pt) WCAG AA × Fail

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 71.5696, 78.8408, 90.0429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

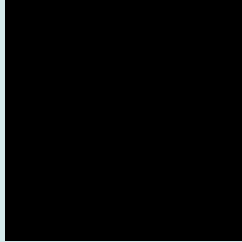
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

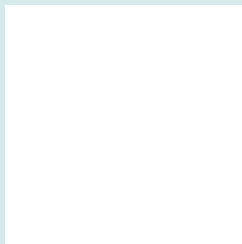
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5696, 78.8408, 90.0429

Background



This preview shows how black text looks on a background with the XYZ color 71.5696, 78.8408, 90.0429.

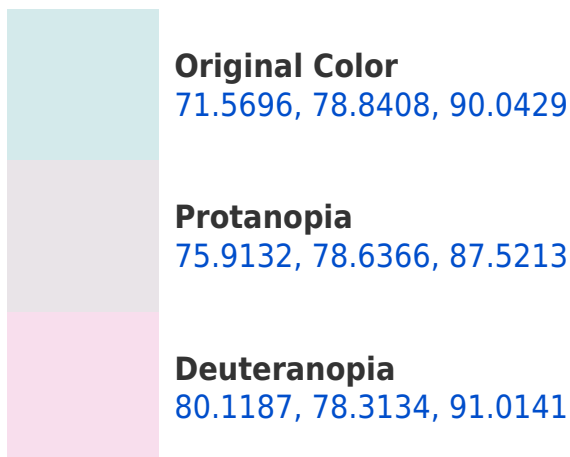


This preview shows how white text looks on a background with the XYZ color 71.5696, 78.8408,

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

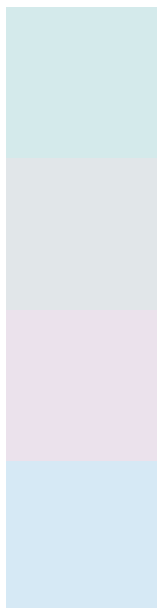




Tritanopia

74.1363, 79.0624, 101.7957

Trichromacy



Original Color

71.5696, 78.8408, 90.0429

Protanomaly

74.0561, 78.4844, 88.3366

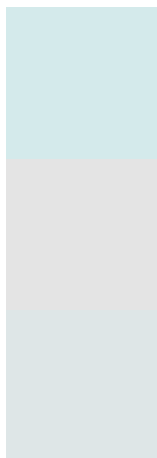
Deuteranomaly

76.5976, 78.1110, 90.3967

Tritanomaly

73.3519, 79.1665, 97.8008

Monochromacy



Original Color

71.5696, 78.8408, 90.0429

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8448, 77.8927, 86.7968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5696, 78.8408, 90.0429 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(212, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 234, 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(212, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 234, 235) }
```

Border

The CSS property to change the border of an element to XYZ 71.5696, 78.8408, 90.0429 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(212, 234, 235) }
```


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

```
.border{ border-color:rgb(212, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 234,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5696, 78.8408, 90.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 234, 235) }
```

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

```
.background{ background-color: rgb(212,  
234, 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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