

Converting Colors

XYZ(71.7514, 75.1285, 93.5859)

Have a look what the booklet for
XYZ(71.7514, 75.1285, 93.5859)
contains.

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Color

**XYZ(71.7158, 75.1067,
93.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE1F1
RGB	218, 225, 241
RGB Percent	85%, 88%, 95%
CMY	0.1451, 0.1176, 0.0549
CMYK	0.10, 0.07, 0.00, 0.05
HSL	222°, 45%, 90%
HSV	222°, 10%, 95%
XYZ	71.7158, 75.1067, 93.9363
YIQ	224.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

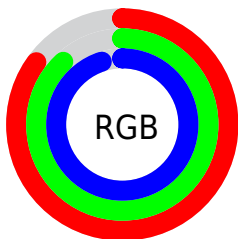
Format	Color
R _Y B	218, 223, 241
Decimal	14344689
CIE Lab	89.44, 0.70, -8.60
CIE LCh	89, 8.625, 274.638
Yxy	75.1067, 0.2979, 0.3120
Android (android.graphics.Color)	4292534769 (0xFFDAE1F1)
YUV	224.7310, 8.0206, -5.9031
Hunter-Lab	86.6641, -3.9509, -3.6003

Details

The XYZ color **71.7158, 75.1067, 93.9363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3536, 82.6078, 78.1462**, and the grayscale version is **71.3258, 75.0402, 81.7188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2359, 40.0388, 51.6119** is the 20% darker color. If you saturate the color by 10%, you get **60.7156, 63.0378, 92.1877**, and if you desaturate by 10%, it is **84.2132, 88.6119, 95.8855**.

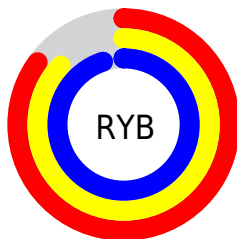
Distribution



Red (85%)

Green (88%)

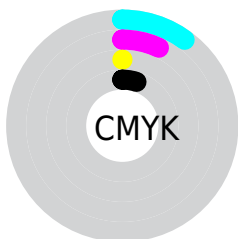
Blue (95%)



Red (85%)

Yellow (87%)

Blue (95%)

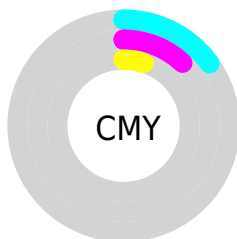


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7158, 75.1067, 93.9363 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 71.7158, 75.1067, 93.9363 by changing the saturation by 10% instead.

■ 71.7158, 75.1067,
93.9363

■ 71.7158, 75.1067,
93.9363

455.7248,
478.2842, 561.6511

■ 53.2112, 55.7003,
70.6580

120.6654,
126.4634, 154.7771

■ 38.1995, 39.9627,
51.5830

151.8410,
159.1825, 193.1768

■ 26.3155, 27.5095,
36.2929

187.9711,
197.1079, 237.4539

■ 17.1937, 17.9562,
24.3690

229.4209,
240.6241, 288.0271

■ 10.4689, 10.9186,
15.3928

276.5558,
290.1154, 345.3148

■ 5.7756, 6.0121,
8.9459

329.7412,

■ 2.7485, 2.8524,

345.9663, 409.7358

4.6096

389.3424,
408.5611, 481.7083

■ 1.0222, 1.0552,
1.9654

■ 0.0000, 0.0000,
0.5339

■ 71.7158, 75.1067,
93.9363

■ 71.7158, 75.1067,
93.9363

■ 60.7156, 63.0378,
92.1877

■ 84.2132, 88.6119,
95.8855

■ 51.1481, 52.3468,
90.6284

■ 92.8774, 99.1310,
97.4593

■ 42.9539, 42.9855,
89.2534

■ 36.0667, 34.8988,
88.0555

■ 30.4145, 28.0275,
87.0271

■ 25.9177, 22.3075,
86.1600

■ 22.4866, 17.6675,
85.4453

■ 20.0167, 14.0270,
84.8727

■ 18.3499, 11.2755,
84.4295

Harmonies

Analogous

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



69.6601, 75.1067, 92.7528



71.7158, 75.1067, 93.9363



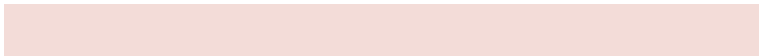
73.7216, 75.1067, 91.7330

Triad

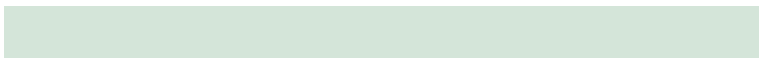
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7158, 75.1067, 93.9363



74.7828, 75.1067, 75.3398



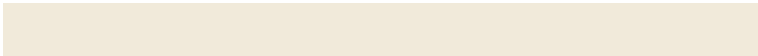
67.7770, 75.1067, 76.8938

Complementary

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



71.7158, 75.1067, 93.9363



78.3536, 82.6078, 78.1462

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.



69.1016, 75.1067, 72.5714



71.7158, 75.1067, 93.9363



73.1416, 75.1067, 71.7058

Square

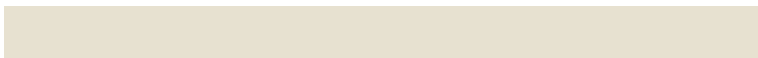
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7158, 75.1067, 93.9363



75.5144, 75.1067, 80.8409



71.0585, 75.1067, 70.7176



67.4122, 75.1067, 82.7232

Rectangle

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



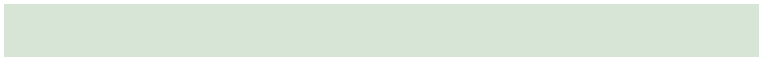
71.7158, 75.1067, 93.9363



74.7524, 75.1067, 88.7009



71.0585, 75.1067, 70.7176



68.1235, 75.1067, 75.2259

Sweetspot

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



71.7180, 75.1099, 93.9380



90.6174, 95.2300, 108.2129



75.1806, 83.7415, 89.8312



19.1480, 20.1157, 23.1235



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.



71.7180, 75.1099, 93.9380



79.5619, 83.2410, 106.4815



71.1405, 72.0589, 93.3795



15.2897, 16.0136, 20.0067



10.0194, 6.2631, 45.8087



0.9180, 0.6899, 3.8390

Inverse Universe

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



74.9393, 74.2813, 81.6258



83.7619, 82.1974, 90.4207



78.9641, 85.9411, 78.7574



15.9709, 15.8381, 17.4031



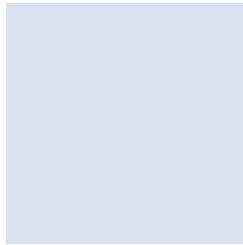
20.3830, 10.4256, 4.6672



1.7383, 0.8844, 0.6128

Previews

White Background



This preview shows how the XYZ color 71.7158, 75.1067, 93.9363 looks on a white background.

Color Contrast Check

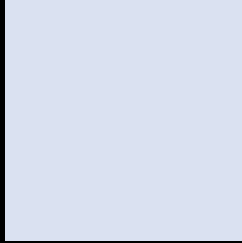
Large Text (above 18pt) WCAG AA × Fail

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 71.7158, 75.1067, 93.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

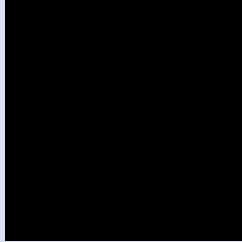
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

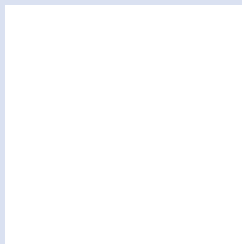
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7158, 75.1067, 93.9363

Background



This preview shows how black text looks on a background with the XYZ color 71.7158, 75.1067, 93.9363.

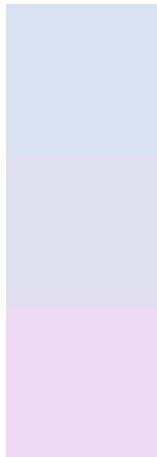


This preview shows how white text looks on a background with the XYZ color 71.7158, 75.1067,

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

71.7158, 75.1067, 93.9363

Protanopia

72.8563, 74.9139, 93.0580

Deuteranopia

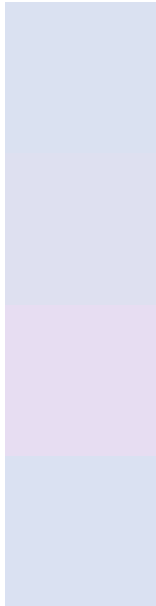
76.3583, 74.7308, 94.4044



Tritanopia

72.0163, 75.2269, 95.5186

Trichromacy



Original Color

71.7158, 75.1067, 93.9363

Protanomaly

72.5080, 75.1322, 93.1185

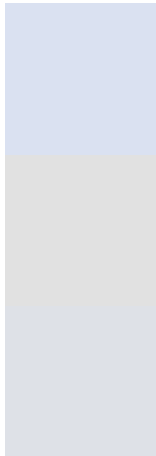
Deuteranomaly

74.8385, 75.1126, 94.5582

Tritanomaly

71.8657, 75.1667, 94.7253

Monochromacy



Original Color

71.7158, 75.1067, 93.9363

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4732, 75.1495, 86.3396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7158, 75.1067, 93.9363 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, 225, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 241)  
}
```

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, 225, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.7158, 75.1067, 93.9363 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, 225, 241) }
```


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

```
.border{ border-color:rgb(218, 225, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7158, 75.1067, 93.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 241) }
```

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

```
.background{ background-color: rgb(218,  
225, 241) }
```

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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