

Converting Colors

XYZ(73.3725, 76.7104, 99.7470)

Have a look what the booklet for
XYZ(73.3725, 76.7104, 99.7470)
contains.

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Color

**XYZ(73.3258, 76.6209,
99.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE3F8
RGB	218, 227, 248
RGB Percent	85%, 89%, 97%
CMY	0.1451, 0.1098, 0.0274
CMYK	0.12, 0.08, 0.00, 0.03
HSL	222°, 68%, 91%
HSV	222°, 12%, 97%
XYZ	73.3258, 76.6209, 99.7316
YIQ	226.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

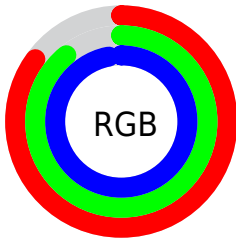
Format	Color
R _Y B	218, 225, 248
Decimal	14345208
CIE Lab	90.15, 1.04, -11.22
CIE LCh	90, 11.269, 275.319
Yxy	76.6209, 0.2937, 0.3069
Android (android.graphics.Color)	4292535288 (0xFFDAE3F8)
YUV	226.7030, 10.4994, -7.6325
Hunter-Lab	87.5334, -3.6558, -6.2790

Details

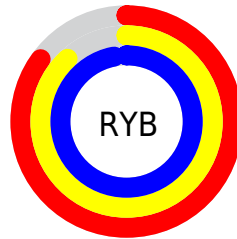
The XYZ color **73.3258, 76.6209, 99.7316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2332, 86.7510, 78.7416**, and the grayscale version is **72.7323, 76.5200, 83.3303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3712, 41.0973, 55.7267** is the 20% darker color. If you saturate the color by 10%, you get **61.9470, 64.0607, 97.9082**, and if you desaturate by 10%, it is **86.2974, 90.7168, 101.7699**.

Distribution



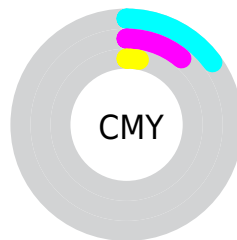
- Red (85%)
- Green (89%)
- Blue (97%)



- Red (85%)
- Yellow (88%)
- Blue (97%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3258, 76.6209, 99.7316 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 73.3258, 76.6209, 99.7316 by changing the saturation by 10% instead.

■ 73.3258, 76.6209,
99.7316

■ 73.3258, 76.6209,
99.7316

461.2295,
483.4705, 580.5711

■ 54.5317, 56.9418,
75.4608

122.9403,
128.6042, 162.8369

■ 39.2593, 40.9585,
55.4864

154.4914,
161.6772, 202.5085

■ 27.1431, 28.2867,
39.3901

191.0255,
199.9836, 248.1508

■ 17.8179, 18.5419,
26.7532

232.9081,
243.9078, 300.1823

■ 10.9182, 11.3397,
17.1571

280.5044,
293.8342, 359.0215

■ 6.0788, 6.2958,
10.1834

334.1798,

■ 2.9341, 3.0258,

350.1472, 425.0871

5.4136

394.2998,
413.2311, 498.7974

■ 1.1190, 1.1452,
2.4290

■ 0.0410, 0.0163,
0.8021

■ 73.3258, 76.6209,
99.7316

■ 73.3258, 76.6209,
99.7316

■ 61.9470, 64.0607,
97.9082

■ 86.2974, 90.7168,
101.7699

■ 52.0910, 52.9731,
96.2875

■ 93.9435, 99.5574,
103.0733

■ 43.6925, 43.3045,
94.8639

■ 36.6785, 34.9942,
93.6296

■ 30.9696, 27.9769,
92.5760

■ 26.4776, 22.1811,
91.6940

■ 23.1024, 17.5275,
90.9737

■ 20.7256, 13.9252,
90.4036

■ 19.4208, 11.7320,
90.0491

Harmonies

Analogous

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



70.6019, 76.6209, 98.2282



73.3258, 76.6209, 99.7316



75.9813, 76.6209, 96.6439

Triad

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



73.3258, 76.6209, 99.7316



77.3053, 76.6209, 74.8312



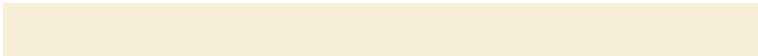
68.0450, 76.6209, 77.1561

Complementary

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



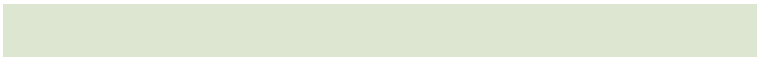
73.3258, 76.6209, 99.7316



82.2332, 86.7510, 78.7416

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.



69.7591, 76.6209, 71.4739



73.3258, 76.6209, 99.7316



75.0960, 76.6209, 70.1930

Square

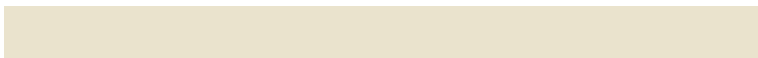
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3258, 76.6209, 99.7316



78.3162, 76.6209, 82.0068



72.3282, 76.6209, 69.0042



67.5983, 76.6209, 84.8638

Rectangle

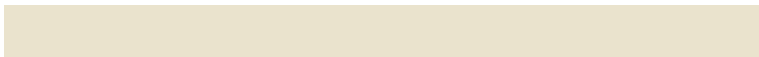
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3258, 76.6209, 99.7316



77.3411, 76.6209, 92.5069



72.3282, 76.6209, 69.0042



68.4899, 76.6209, 74.9618

Sweetspot

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



73.3281, 76.6241, 99.7333



89.1611, 93.6459, 107.9839



77.9884, 88.2441, 94.1983



18.8538, 19.7947, 23.0770



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.



73.3281, 76.6241, 99.7333



74.3974, 77.5463, 105.6545



72.6018, 72.6892, 99.0121



16.7076, 17.4921, 21.8810



10.5976, 6.5508, 48.6794



1.0700, 0.7837, 4.5380

Inverse Universe

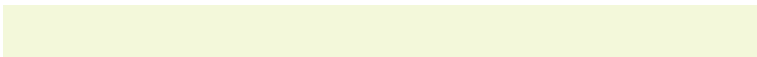
The Inverse Universe completely reimagines the original color for something new.



77.6497, 75.6470, 83.1854



80.0239, 76.3711, 84.0889



83.0134, 91.1639, 79.5523



17.4590, 17.3109, 19.0067



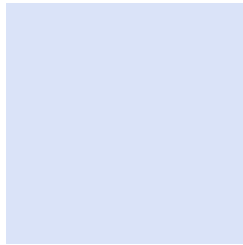
21.6412, 11.0722, 4.8191



2.0490, 1.0433, 0.6815

Previews

White Background



This preview shows how the XYZ color 73.3258, 76.6209, 99.7316 looks on a white background.

Color Contrast Check

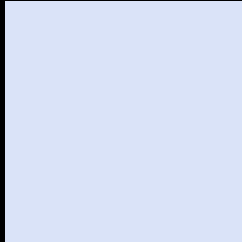
Large Text (above 18pt) WCAG AA × Fail

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 73.3258, 76.6209, 99.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

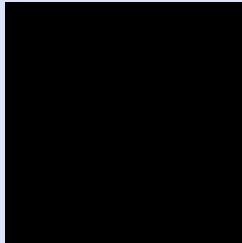
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

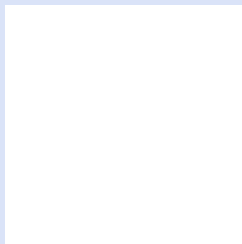
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3258, 76.6209, 99.7316

Background



This preview shows how black text looks on a background with the XYZ color 73.3258, 76.6209, 99.7316.



This preview shows how white text looks on a background with the XYZ color 73.3258, 76.6209,

99.7316.

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

73.3258, 76.6209, 99.7316

Protanopia

74.7651, 76.5734, 98.8353

Deuteranopia

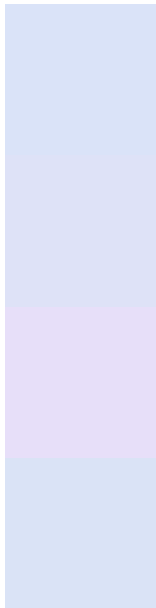
77.9520, 76.2031, 100.2227



Tritanopia

72.8640, 76.4362, 97.2995

Trichromacy



Original Color

73.3258, 76.6209, 99.7316

Protanomaly

74.1091, 76.6377, 98.8823

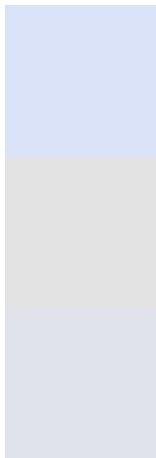
Deuteranomaly

76.4416, 76.6038, 100.3796

Tritanomaly

73.0171, 76.4974, 98.1058

Monochromacy



Original Color

73.3258, 76.6209, 99.7316

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2050, 76.7836, 89.5597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3258, 76.6209, 99.7316 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, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 248)  
}
```

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, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 248) }
```

Border

The CSS property to change the border of an element to XYZ 73.3258, 76.6209, 99.7316 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, 227, 248) }
```


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

```
.border{ border-color:rgb(218, 227, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3258, 76.6209, 99.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 248) }
```

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

```
.background{ background-color: rgb(218,  
227, 248) }
```

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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