

Converting Colors

XYZ(74.0918, 77.8728, 97.3525)

Have a look what the booklet for
XYZ(74.0918, 77.8728, 97.3525)
contains.

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Color

**XYZ(74.0159, 77.8468,
97.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE5F5
RGB	220, 229, 245
RGB Percent	86%, 90%, 96%
CMY	0.1372, 0.1019, 0.0392
CMYK	0.10, 0.07, 0.00, 0.04
HSL	218°, 56%, 91%
HSV	218°, 10%, 96%
XYZ	74.0159, 77.8468, 97.5111
YIQ	228.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

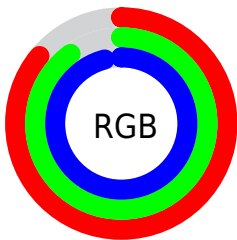
Format	Color
R _Y B	220, 227, 245
Decimal	14476789
CIE Lab	90.71, 0.05, -8.80
CIE LCh	91, 8.797, 270.335
Yxy	77.8468, 0.2968, 0.3122
Android (android.graphics.Color)	4292666869 (0xFFDCE5F5)
YUV	228.1330, 8.3154, -7.1326
Hunter-Lab	88.2308, -4.6622, -3.7646

Details

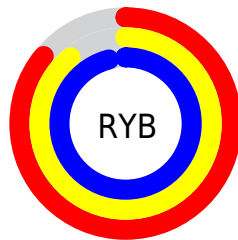
The XYZ color **74.0159, 77.8468, 97.5111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.5702, 84.5701, 79.7887**, and the grayscale version is **73.7885, 77.6313, 84.5405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8384, 41.9456, 54.1407** is the 20% darker color. If you saturate the color by 10%, you get **62.9941, 66.0155, 95.8096**, and if you desaturate by 10%, it is **86.5206, 91.0283, 99.3975**.

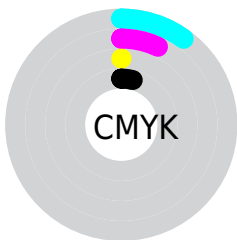
Distribution



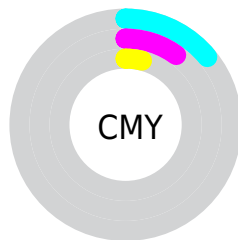
- Red (86%)
- Green (90%)
- Blue (96%)



- Red (86%)
- Yellow (89%)
- Blue (96%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0159, 77.8468, 97.5111 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 74.0159, 77.8468, 97.5111 by changing the saturation by 10% instead.

■ 74.0159, 77.8468,
97.5111

■ 74.0159, 77.8468,
97.5111

463.5777,
487.6464, 573.3615

■ 55.0984, 57.9481,
73.6183

123.9137,
130.3341, 159.7546

■ 39.7146, 41.7670,
53.9868

155.6247,
163.6916, 198.9423

■ 27.4993, 28.9189,
38.1980

192.3310,
202.3041, 244.0655

■ 18.0871, 19.0194,
25.8334

234.3978,
246.5561, 295.5426

■ 11.1126, 11.6843,
16.4744

282.1905,
296.8319, 353.7923

■ 6.2105, 6.5291,
9.7025

336.0745,

■ 3.0154, 3.1694,

353.5160, 419.2329

5.0991

396.4151,
416.9927, 492.2832

■ 1.1619, 1.2208,
2.2458

■ 0.0760, 0.0786,
0.7006

■ 74.0159, 77.8468,
97.5111

■ 74.0159, 77.8468,
97.5111

■ 62.9941, 66.0155,
95.8096

■ 86.5206, 91.0283,
99.3975

■ 53.3911, 55.4797,
94.2821

■ 93.4817, 99.3727,
100.6413

■ 45.1478, 46.1952,
92.9245

■ 38.1983, 38.1111,
91.7304

■ 32.4707, 31.1730,
90.6930

■ 27.8855, 25.3215,
89.8052

■ 24.3530, 20.4906,
89.0590

■ 21.7675, 16.6052,
88.4453

■ 19.9905, 13.6104,
87.9609

Harmonies

Analogous

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



71.9097, 77.8468, 95.7722



74.0159, 77.8468, 97.5111



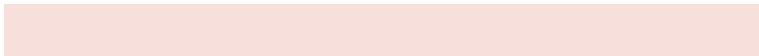
76.1561, 77.8468, 95.6950

Triad

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



74.0159, 77.8468, 97.5111



77.7161, 77.8468, 78.7681



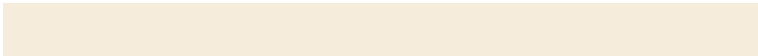
70.3630, 77.8468, 78.8856

Complementary

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



74.0159, 77.8468, 97.5111



80.5702, 84.5701, 79.7887

Split Complementary

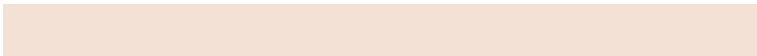
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8675, 77.8468, 74.6950



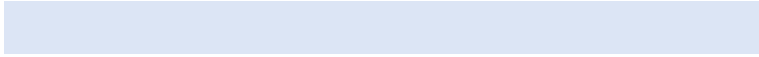
74.0159, 77.8468, 97.5111



76.1122, 77.8468, 74.6296

Square

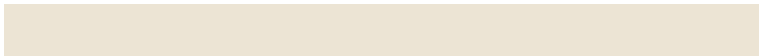
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



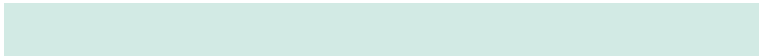
74.0159, 77.8468, 97.5111



78.3182, 77.8468, 84.6908



73.9662, 77.8468, 73.1755



69.8263, 77.8468, 84.8331

Rectangle

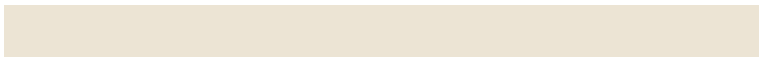
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0159, 77.8468, 97.5111



77.3076, 77.8468, 92.7621



73.9662, 77.8468, 73.1755



70.7708, 77.8468, 77.2355

Sweetspot

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



74.0182, 77.8501, 97.5128



90.7496, 95.4943, 108.2570



77.2850, 86.5682, 91.8673



19.1836, 20.1869, 23.1353



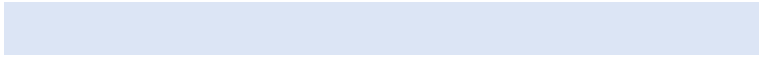
0.0000, 0.0000, 0.0000



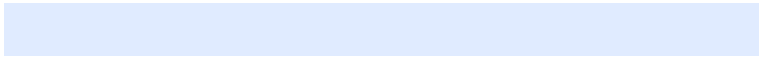
20.3446, 21.4041, 23.3091

Same Dimension

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



74.0182, 77.8501, 97.5128



78.7433, 82.7888, 106.4374



72.6102, 73.5214, 96.7515



16.0696, 16.9035, 20.9583



10.8883, 7.5704, 47.4254



1.0508, 0.8530, 4.1995

Inverse Universe

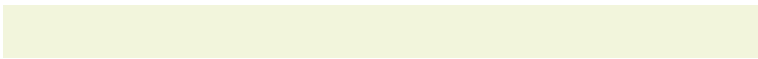
The Inverse Universe completely reimagines the original color for something new.



77.3940, 76.2576, 84.7726



83.0595, 80.8090, 90.1358



82.0756, 89.2918, 80.6207



16.7457, 16.5811, 18.4075



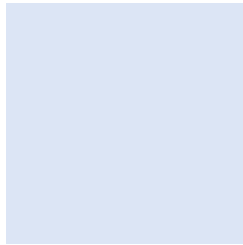
21.3004, 10.8636, 6.2905



1.9194, 0.9737, 0.8022

Previews

White Background



This preview shows how the XYZ color 74.0159, 77.8468, 97.5111 looks on a white background.

Color Contrast Check

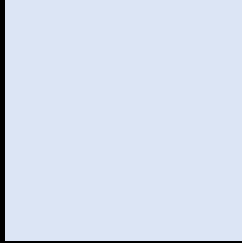
Large Text (above 18pt) WCAG AA × Fail

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 74.0159, 77.8468, 97.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

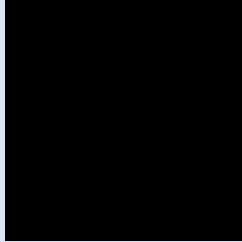
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0159, 77.8468, 97.5111

Background



This preview shows how black text looks on a background with the XYZ color 74.0159, 77.8468, 97.5111.

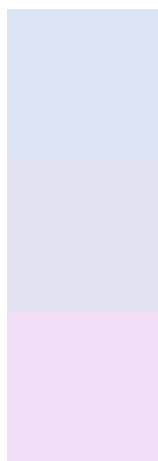


This preview shows how white text looks on a background with the XYZ color 74.0159, 77.8468,

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

74.0159, 77.8468, 97.5111

Protanopia

75.7931, 77.9638, 96.6417

Deuteranopia

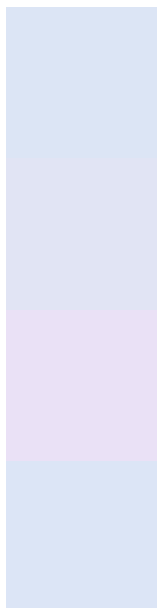
79.3738, 77.7736, 98.0171



Tritanopia

74.3230, 77.9697, 99.1281

Trichromacy



Original Color

74.0159, 77.8468, 97.5111

Protanomaly

75.1239, 78.0260, 96.6890

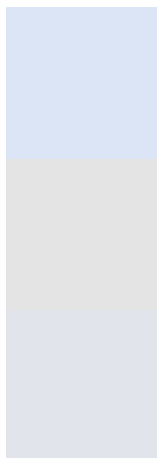
Deuteranomaly

77.4915, 77.9967, 98.1594

Tritanomaly

74.1691, 77.9081, 98.3174

Monochromacy



Original Color

74.0159, 77.8468, 97.5111

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6460, 77.4349, 88.9068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0159, 77.8468, 97.5111 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(220, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(220, 229, 245)  
}
```

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(220, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 229, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.0159, 77.8468, 97.5111 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(220, 229, 245) }
```


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

```
.border{ border-color:rgb(220, 229, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(220, 229,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0159, 77.8468, 97.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 229, 245) }
```

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

```
.background{ background-color: rgb(220,  
229, 245) }
```

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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