

Converting Colors

XYZ(73.3734, 79.1449, 97.5228)

Have a look what the booklet for
XYZ(73.3734, 79.1449, 97.5228)
contains.

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Color

**XYZ(73.3519, 79.1665,
97.8008)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E9F5
RGB	214, 233, 245
RGB Percent	84%, 91%, 96%
CMY	0.1608, 0.0863, 0.0392
CMYK	0.13, 0.05, 0.00, 0.04
HSL	203°, 61%, 90%
HSV	203°, 13%, 96%
XYZ	73.3519, 79.1665, 97.8008
YIQ	228.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

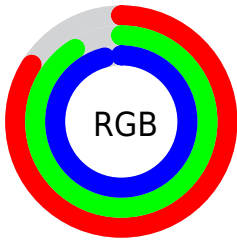
Format	Color
R _Y B	214, 226, 245
Decimal	14084597
CIE Lab	91.31, -3.91, -7.95
CIE LCh	91, 8.864, 243.806
Yxy	79.1665, 0.2930, 0.3163
Android (android.graphics.Color)	4292274677 (0xFFD6E9F5)
YUV	228.6870, 8.0423, -12.8805
Hunter-Lab	88.9756, -8.5509, -2.8879

Details

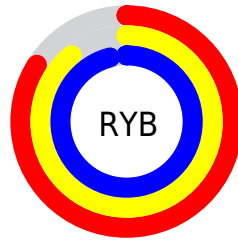
The XYZ color **73.3519, 79.1665, 97.8008** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9907, 78.6600, 74.7449**, and the grayscale version is **74.1989, 78.0630, 85.0106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2055, 42.4893, 54.2790** is the 20% darker color. If you saturate the color by 10%, you get **64.1205, 70.5314, 96.6218**, and if you desaturate by 10%, it is **83.8076, 88.6511, 99.0817**.

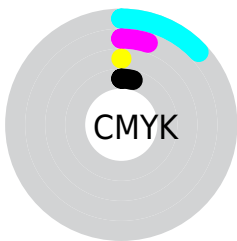
Distribution



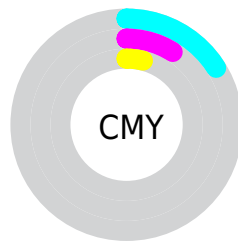
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3519, 79.1665, 97.8008 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 73.3519, 79.1665, 97.8008 by changing the saturation by 10% instead.

■ 73.3519, 79.1665,
97.8008

■ 73.3519, 79.1665,
97.8008

461.3185,
492.1194, 574.3049

■ 54.5532, 59.0327,
73.8586

122.9771,
132.1932, 160.1571

■ 39.2765, 42.6395,
54.1822

154.5342,
165.8550, 199.4082

■ 27.1566, 29.6023,
38.3532

191.0749,
204.7948, 244.5994

■ 17.8281, 19.5369,
25.9530

232.9645,
249.3972, 296.1492

■ 10.9256, 12.0589,
16.5630

280.5682,
300.0464, 354.4761

■ 6.0837, 6.7838,
9.7648

334.2516,

■ 2.9372, 3.3273,

357.1269, 419.9986

5.1397

394.3799,
421.0231, 493.1354

■ 1.1206, 1.3049,
2.2693

■ 0.0423, 0.1450,
0.7139

■ 73.3519, 79.1665,
97.8008

■ 73.3519, 79.1665,
97.8008

■ 64.1205, 70.5314,
96.6218

■ 83.8076, 88.6511,
99.0817

■ 56.0563, 62.7066,
95.5366

■ 92.5220, 97.4533,
100.3214

■ 49.1080, 55.6645,
94.5435

■ 93.4817, 99.3727,
100.6413

■ 43.2172, 49.3715,
93.6393

■ 38.3199, 43.7909,
92.8203

■ 34.3446, 38.8823,
92.0823

■ 31.2090, 34.5994,
91.4209

■ 28.8141, 30.8871,
90.8306

■ 27.4179, 28.4651,
90.4367

Harmonies

Analogous

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



71.7077, 79.1665, 93.2775



73.3519, 79.1665, 97.8008



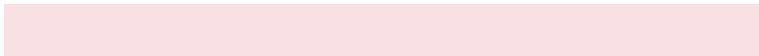
75.5329, 79.1665, 99.1615

Triad

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



73.3519, 79.1665, 97.8008



79.6450, 79.1665, 85.3791



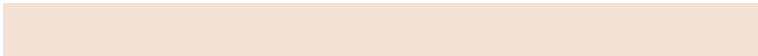
72.8640, 79.1665, 76.3085

Complementary

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



73.3519, 79.1665, 97.8008



76.9907, 78.6600, 74.7449

Split Complementary

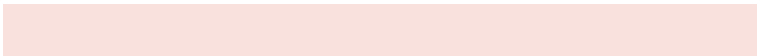
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9586, 79.1665, 74.4182



73.3519, 79.1665, 97.8008



78.8976, 79.1665, 79.4877

Square

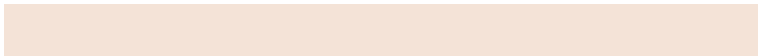
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



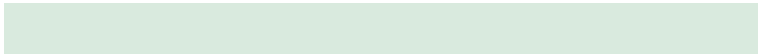
73.3519, 79.1665, 97.8008



79.1943, 79.1665, 91.7843



77.1712, 79.1665, 75.5528



71.4300, 79.1665, 80.8448

Rectangle

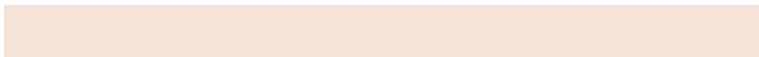
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3519, 79.1665, 97.8008



77.0051, 79.1665, 98.0384



77.1712, 79.1665, 75.5528



73.5127, 79.1665, 75.3531

Sweetspot

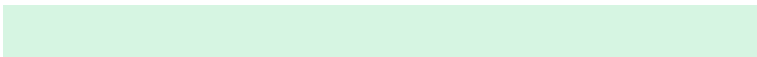
The Sweet Spot groups the original color and five complimentary colors.



73.3542, 79.1698, 97.8026



90.1501, 95.6238, 108.3136



74.0968, 85.0869, 84.3872



19.1039, 20.2949, 23.1604



0.0000, 0.0000, 0.0000



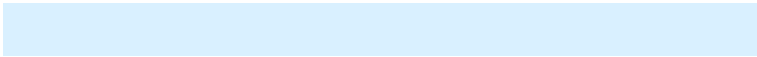
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3542, 79.1698, 97.8026



77.8092, 84.3699, 106.7918



69.1866, 70.8345, 96.4134



16.4269, 17.6180, 21.0774



14.9087, 15.6112, 48.7655



1.4098, 1.5710, 4.3192

Inverse Universe

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



76.4126, 73.3905, 87.2329



81.7460, 77.0599, 93.1575



81.3640, 87.4067, 76.2027



16.9260, 16.6533, 19.3571



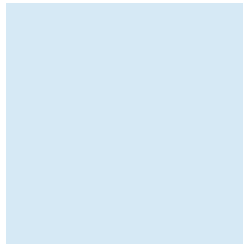
23.3297, 11.6753, 16.9766



2.1007, 1.0462, 1.7565

Previews

White Background



This preview shows how the XYZ color 73.3519, 79.1665, 97.8008 looks on a white background.

Color Contrast Check

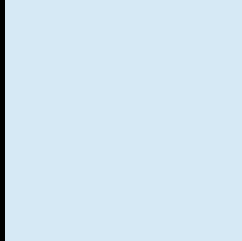
Large Text (above 18pt) WCAG AA × Fail

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 73.3519, 79.1665, 97.8008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

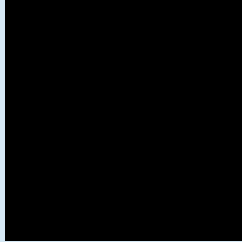
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

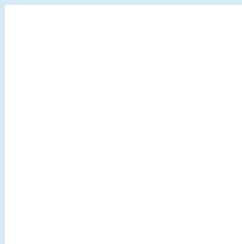
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3519, 79.1665, 97.8008

Background



This preview shows how black text looks on a background with the XYZ color 73.3519, 79.1665, 97.8008.



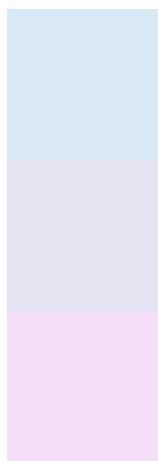
This preview shows how white text looks on a background with the XYZ color 73.3519, 79.1665,

97.8008.

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

73.3519, 79.1665, 97.8008

Protanopia

76.4035, 78.7206, 95.1721

Deuteranopia

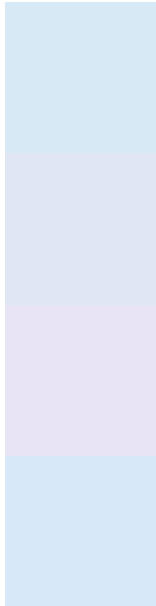
80.4844, 78.7238, 98.9489



Tritanopia

74.2935, 79.1253, 102.6238

Trichromacy



Original Color

73.3519, 79.1665, 97.8008

Protanomaly

75.2149, 78.9120, 96.0613

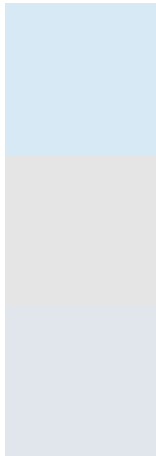
Deuteranomaly

77.7079, 78.9156, 98.3254

Tritanomaly

73.9798, 78.9999, 100.9719

Monochromacy



Original Color

73.3519, 79.1665, 97.8008

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.0327, 78.4391, 89.8356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3519, 79.1665, 97.8008 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(214, 233, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 233, 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(214, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 233, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.3519, 79.1665, 97.8008 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(214, 233, 245) }
```


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

```
.border{ border-color:rgb(214, 233, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 233, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 233,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3519, 79.1665, 97.8008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 233, 245) }
```

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

```
.background{ background-color: rgb(214,  
233, 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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