

Converting Colors

XYZ(71.9966, 76.4664, 97.3951)

Have a look what the booklet for
XYZ(71.9966, 76.4664, 97.3951)
contains.

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Color

**XYZ(71.9564, 76.3755,
97.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E4F5
RGB	214, 228, 245
RGB Percent	84%, 89%, 96%
CMY	0.1608, 0.1059, 0.0392
CMYK	0.13, 0.07, 0.00, 0.04
HSL	213°, 61%, 90%
HSV	213°, 13%, 96%
XYZ	71.9564, 76.3755, 97.3356
YIQ	225.7520, -13.8010, 2.3190

Conversions

Conversions Part 2

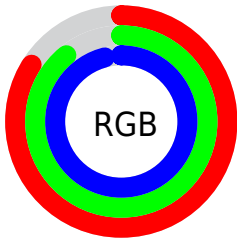
Format	Color
R _Y B	214, 224, 245
Decimal	14083317
CIE Lab	90.03, -1.34, -9.85
CIE LCh	90, 9.938, 262.256
Yxy	76.3755, 0.2929, 0.3109
Android (android.graphics.Color)	4292273397 (0xFFD6E4F5)
YUV	225.7520, 9.4893, -10.3065
Hunter-Lab	87.3931, -5.9672, -4.8601

Details

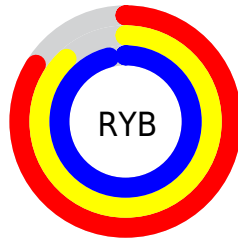
The XYZ color **71.9564, 76.3755, 97.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3702, 81.4191, 75.2048**, and the grayscale version is **72.0523, 75.8046, 82.5512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4270, 40.9322, 54.0195** is the 20% darker color. If you saturate the color by 10%, you get **61.7843, 65.8589, 95.8430**, and if you desaturate by 10%, it is **83.4956, 88.0272, 98.9776**.

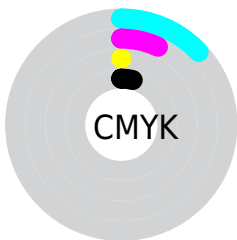
Distribution



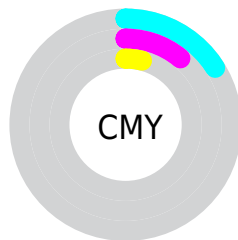
- Red (84%)
- Green (89%)
- Blue (96%)



- Red (84%)
- Yellow (88%)
- Blue (96%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9564, 76.3755, 97.3356 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 71.9564, 76.3755, 97.3356 by changing the saturation by 10% instead.

■ 71.9564, 76.3755,
97.3356

■ 71.9564, 76.3755,
97.3356

456.5498,
482.6321, 572.7897

■ 53.4084, 56.7405,
73.4728

121.0057,
128.2576, 159.5106

■ 38.3577, 40.7969,
53.8685

152.2377,
161.2734, 198.6600

■ 26.4389, 28.1604,
38.1041

188.4284,
199.5182, 243.7419

■ 17.2867, 18.4466,
25.7610

229.9431,
243.3765, 295.1750

■ 10.5357, 11.2711,
16.4208

277.1473,
293.2327, 353.3778

■ 5.8205, 6.2495,
9.6648

330.4062,

■ 2.7759, 2.9974,

349.4711, 418.7688

5.0746

390.0853,
412.4761, 491.7666

■ 1.0364, 1.1304,
2.2316

■ 0.0000, 0.0037,
0.6925

■ 71.9564, 76.3755,
97.3356

■ 71.9564, 76.3755,
97.3356

■ 61.7843, 65.8589,
95.8430

■ 83.4956, 88.0272,
98.9776

■ 52.9181, 56.4302,
94.4904

■ 93.4406, 99.2906,
100.6275

■ 45.3020, 48.0525,
93.2748

■ 93.4817, 99.3727,
100.6412

■ 38.8730, 40.6832,
92.1912

■ 33.5624, 34.2759,
91.2344

■ 29.2934, 28.7799,
90.3985

■ 25.9785, 24.1382,
89.6773

■ 23.5127, 20.2844,
89.0634

■ 22.1301, 17.8896,
88.6740

Harmonies

Analogous

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



69.7322, 76.3755, 94.3522



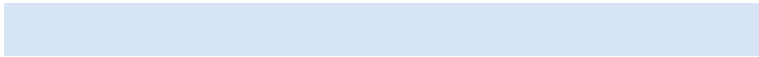
71.9564, 76.3755, 97.3356



74.4010, 76.3755, 96.3541

Triad

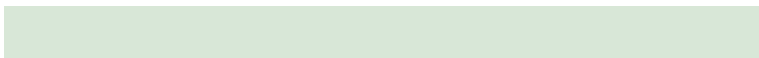
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9564, 76.3755, 97.3356



77.0642, 76.3755, 78.1282



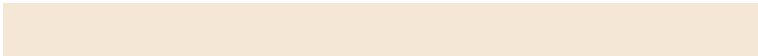
68.9119, 76.3755, 75.1311

Complementary

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



71.9564, 76.3755, 97.3356



78.3702, 81.4191, 75.2048

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.



70.8137, 76.3755, 71.2288



71.9564, 76.3755, 97.3356



75.5302, 76.3755, 72.8898

Square

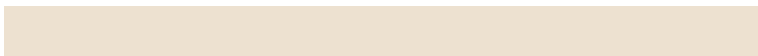
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9564, 76.3755, 97.3356



77.3869, 76.3755, 85.0008



73.2326, 76.3755, 70.4321



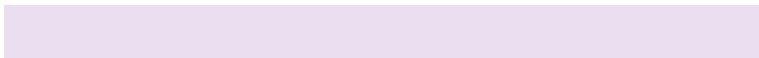
68.0006, 76.3755, 81.3458

Rectangle

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



71.9564, 76.3755, 97.3356



75.8239, 76.3755, 93.6074



73.2326, 76.3755, 70.4321



69.4545, 76.3755, 73.5203

Sweetspot

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



71.9587, 76.3787, 97.3373



89.6382, 94.6000, 108.1429



74.7433, 85.3455, 87.7915



18.9744, 20.0358, 23.1172



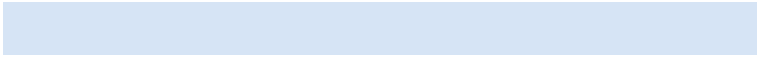
0.0000, 0.0000, 0.0000



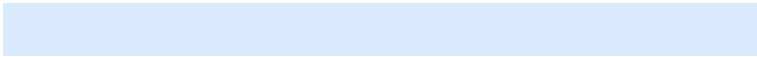
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9587, 76.3787, 97.3373



76.0218, 80.7950, 106.1960



68.5636, 69.1394, 96.1189



16.1976, 17.1595, 21.0010



12.0559, 9.9055, 47.8146



1.1608, 1.0730, 4.2362

Inverse Universe

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



75.7081, 73.1088, 83.5235



80.8438, 76.6990, 88.4064



82.0879, 89.3883, 76.5470



16.8103, 16.6070, 18.7478



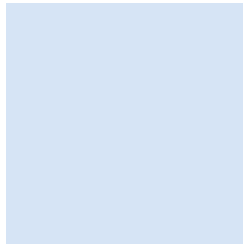
21.8898, 11.0993, 9.3938



1.9750, 0.9960, 1.0946

Previews

White Background



This preview shows how the XYZ color 71.9564, 76.3755, 97.3356 looks on a white background.

Color Contrast Check

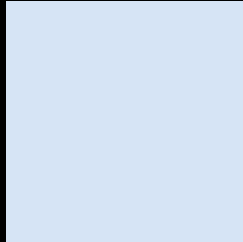
Large Text (above 18pt) WCAG AA × Fail

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 71.9564, 76.3755, 97.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

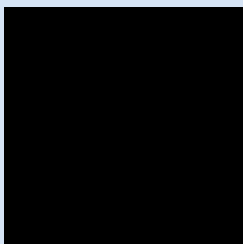
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

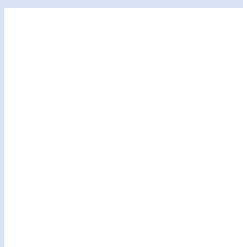
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9564, 76.3755, 97.3356

Background



This preview shows how black text looks on a background with the XYZ color 71.9564, 76.3755, 97.3356.

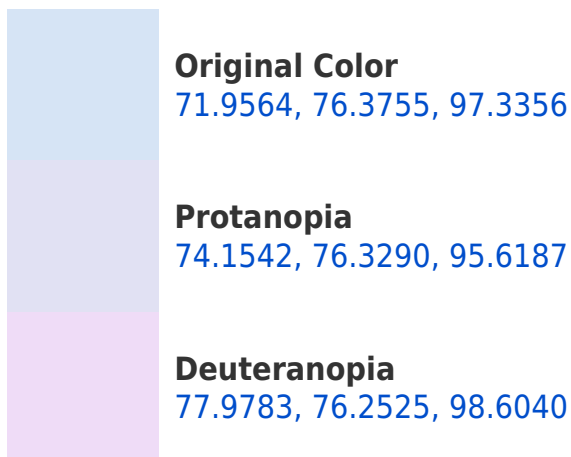


This preview shows how white text looks on a background with the XYZ color 71.9564, 76.3755,

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

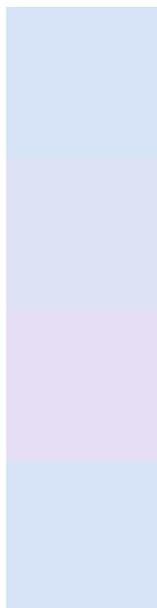




Tritanopia

72.1095, 76.4368, 98.1420

Trichromacy



Original Color

71.9564, 76.3755, 97.3356

Protanomaly

73.3443, 76.2965, 96.4490

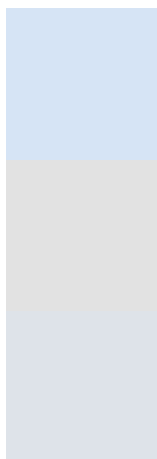
Deuteranomaly

75.6554, 76.2522, 97.9195

Tritanomaly

72.1095, 76.4368, 98.1420

Monochromacy



Original Color

71.9564, 76.3755, 97.3356

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3013, 76.3510, 88.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9564, 76.3755, 97.3356 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, 228, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 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, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.9564, 76.3755, 97.3356 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, 228, 245) }
```


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

```
.border{ border-color:rgb(214, 228, 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, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9564, 76.3755, 97.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 245) }
```

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

```
.background{ background-color: rgb(214,  
228, 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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