

Converting Colors

XYZ(71.2546, 75.8735, 78.1066)

Have a look what the booklet for
XYZ(71.2546, 75.8735, 78.1066)
contains.

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Color

**XYZ(71.3066, 76.0602,
77.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3DB
RGB	225, 227, 219
RGB Percent	88%, 89%, 86%
CMY	0.1176, 0.1098, 0.1412
CMYK	0.01, 0.00, 0.04, 0.11
HSL	75°, 13%, 87%
HSV	75°, 4%, 89%
XYZ	71.3066, 76.0602, 77.9407
YIQ	225.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

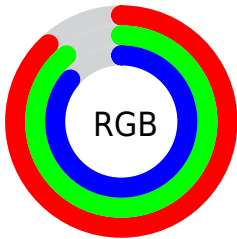
Format	Color
R_{YB}	219, 227, 221
Decimal	14803931
CIE Lab	89.89, -2.09, 3.66
CIE LCh	90, 4.209, 119.701
Yxy	76.0602, 0.3165, 0.3376
Android (android.graphics.Color)	4292994011 (0xFFE1E3DB)
YUV	225.4900, -3.1996, -0.4297
Hunter-Lab	87.2125, -6.6769, 8.0620

Details

The XYZ color **71.3066, 76.0602, 77.9407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0184, 71.5833, 82.8563**, and the grayscale version is **71.9441, 75.6908, 82.4273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0309, 40.7314, 40.9795** is the 20% darker color. If you saturate the color by 10%, you get **66.7776, 74.0497, 63.1779**, and if you desaturate by 10%, it is **76.3065, 78.2707, 94.8561**.

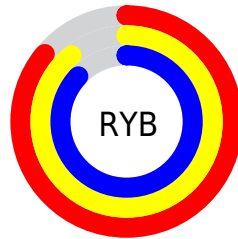
Distribution



Red (88%)

Green (89%)

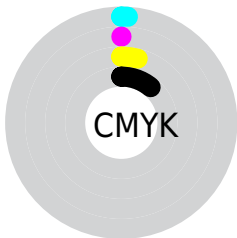
Blue (86%)



Red (86%)

Yellow (89%)

Blue (87%)

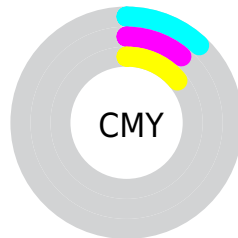


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3066, 76.0602, 77.9407 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 71.3066, 76.0602, 77.9407 by changing the saturation by 10% instead.

■ 71.3066, 76.0602,
77.9407

■ 71.3066, 76.0602,
77.9407

454.3197,
481.5537, 507.4880

■ 52.8759, 56.4819,
57.5091

120.0863,
127.8120, 132.2516

■ 37.9308, 40.5894,
41.0020

151.1660,
160.7543, 166.9681

■ 26.1059, 27.9984,
28.0010

187.1928,
198.9200, 207.2832

■ 17.0360, 18.3244,
18.0873

228.5320,
242.6935, 253.6155

■ 10.3556, 11.1832,
10.8426

275.5489,
292.4592, 306.3836

■ 5.6994, 6.1902,
5.8483

328.6089,

■ 2.7021, 2.9611,

348.6016, 366.0061

2.6857

388.0774,
411.5050, 432.9013

■ 0.9983, 1.1114,
0.9362

■ 0.0000, 0.0000,
0.0000

■ 71.3066, 76.0602,
77.9407

■ 71.3066, 76.0602,
77.9407

■ 66.7776, 74.0497,
63.1779

■ 76.3065, 78.2707,
94.8561

■ 62.6961, 72.2225,
50.4765

■ 80.2356, 80.0574,
105.8315

■ 59.0463, 70.5747,
39.7458

■ 82.1572, 81.0480,
105.9214

■ 55.8086, 69.0984,
30.8869

■ 84.1393, 82.0699,
106.0142

■ 52.9622, 67.7850,
23.7919

■ 86.1827, 83.1233,
106.1098

■ 50.4837, 66.6254,
18.3421

■ 86.7606, 83.4212,
106.1369

■ 48.3473, 65.6090,
14.4042

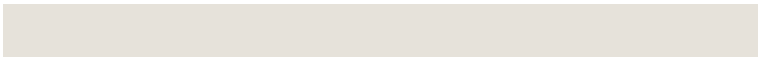
■ 46.5232, 64.7238,
11.8241

■ 44.9751, 63.9554,
10.4149

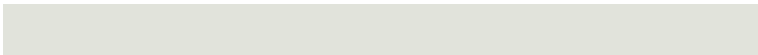
Harmonies

Analogous

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



72.3034, 76.0602, 77.2204



71.3066, 76.0602, 77.9407



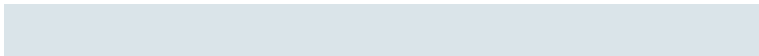
70.5800, 76.0602, 79.9606

Triad

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



71.3066, 76.0602, 77.9407



71.2887, 76.0602, 87.8607



74.3112, 76.0602, 82.8465

Complementary

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



71.3066, 76.0602, 77.9407



69.0184, 71.5833, 82.8563

Split Complementary

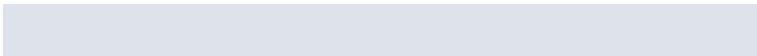
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0334, 76.0602, 85.7399



71.3066, 76.0602, 77.9407



72.2825, 76.0602, 88.6769

Square

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



71.3066, 76.0602, 77.9407



70.5697, 76.0602, 85.6869



73.2883, 76.0602, 87.8918



74.0440, 76.0602, 80.0112

Rectangle

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



71.3066, 76.0602, 77.9407



70.3431, 76.0602, 81.7969



73.2883, 76.0602, 87.8918



74.2784, 76.0602, 83.8448

Sweetspot

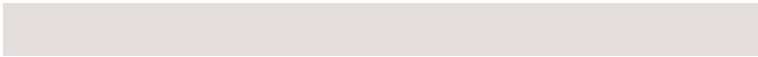
The Sweet Spot groups the original color and five complimentary colors.



71.3087, 76.0635, 77.9424



94.4076, 99.7159, 106.7411



70.3238, 73.1606, 77.4340



20.2139, 21.3463, 22.8697



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.



71.3087, 76.0635, 77.9424



92.5175, 98.8792, 100.4356



70.0766, 75.4283, 77.8847



15.7137, 16.8405, 16.8939



25.8202, 37.0923, 5.7987



1.9916, 2.7841, 0.4324

Inverse Universe

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



69.0184, 71.5833, 82.8563



89.1247, 92.2425, 107.7149



70.2506, 72.2186, 82.9140



15.0366, 15.5159, 18.3467



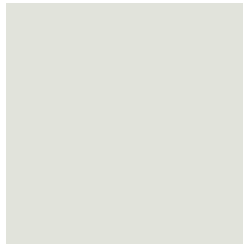
9.1551, 3.7855, 42.6313



0.7602, 0.3228, 3.1542

Previews

White Background



This preview shows how the XYZ color 71.3066, 76.0602, 77.9407 looks on a white background.

Color Contrast Check

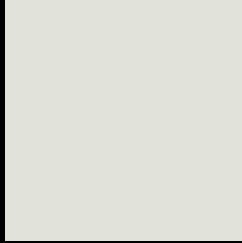
Large Text (above 18pt) WCAG AA × Fail

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 71.3066, 76.0602, 77.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

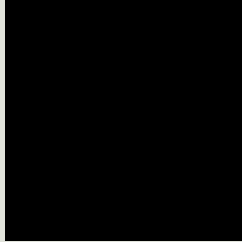
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

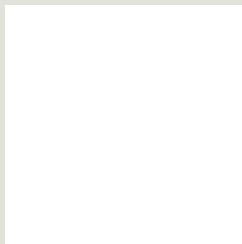
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3066, 76.0602, 77.9407

Background



This preview shows how black text looks on a background with the XYZ color 71.3066, 76.0602, 77.9407.

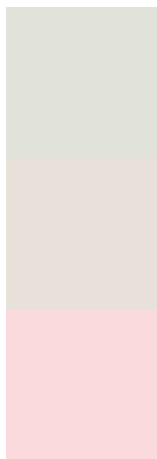


This preview shows how white text looks on a background with the XYZ color 71.3066, 76.0602,

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

71.3066, 76.0602, 77.9407

Protanopia

72.8588, 76.0682, 77.1722

Deuteranopia

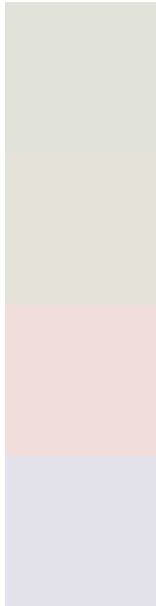
77.5469, 75.6873, 78.9286



Tritanopia

74.5277, 76.1562, 93.9907

Trichromacy



Original Color

71.3066, 76.0602, 77.9407

Protanomaly

72.1643, 76.1127, 77.2174

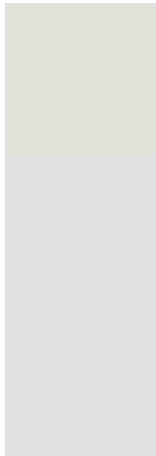
Deuteranomaly

75.0503, 75.5810, 78.3432

Tritanomaly

73.3117, 76.0645, 87.9088

Monochromacy



Original Color

71.3066, 76.0602, 77.9407

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5670, 75.7280, 80.6570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3066, 76.0602, 77.9407 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(225, 227, 219) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 219)  
}
```

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(225, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.3066, 76.0602, 77.9407 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(225, 227, 219) }
```


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

```
.border{ border-color:rgb(225, 227, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3066, 76.0602, 77.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 219) }
```

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

```
.background{ background-color: rgb(225,  
227, 219) }
```

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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