

Converting Colors

XYZ(73.3361, 76.3034, 82.2773)

Have a look what the booklet for
XYZ(73.3361, 76.3034, 82.2773)
contains.

XYZ(73.1489, 76.1097, 82.0694)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.1489, 76.1097,
82.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E1
RGB	230, 225, 225
RGB Percent	90%, 88%, 88%
CMY	0.0980, 0.1176, 0.1176
CMYK	0.00, 0.02, 0.02, 0.10
HSL	0°, 9%, 89%
HSV	0°, 2%, 90%
XYZ	73.1489, 76.1097, 82.0694
YIQ	226.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

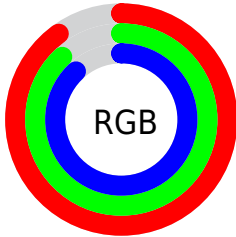
Format	Color
R _Y B	230, 225, 225
Decimal	15131105
CIE Lab	89.91, 1.70, 0.59
CIE LCh	90, 1.795, 19.199
Yxy	76.1097, 0.3162, 0.3290
Android (android.graphics.Color)	4293321185 (0xFFE6E1E1)
YUV	226.4950, -0.7370, 3.0739
Hunter-Lab	87.2409, -3.0045, 5.2932

Details

The XYZ color **73.1489, 76.1097, 82.0694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6309, 78.3130, 86.0989**, and the grayscale version is **72.6526, 76.4362, 83.2390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3096, 40.7657, 43.8269** is the 20% darker color. If you saturate the color by 10%, you get **64.4206, 63.3401, 64.7085**, and if you desaturate by 10%, it is **83.1404, 90.7273, 101.9384**.

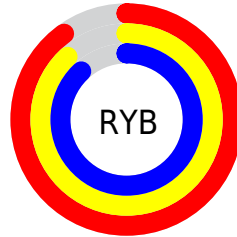
Distribution



Red (90%)

Green (88%)

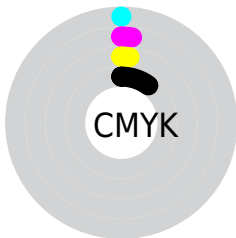
Blue (88%)



Red (90%)

Yellow (88%)

Blue (88%)

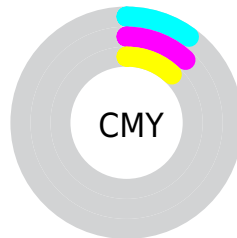


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (10%)



Cyan (10%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1489, 76.1097, 82.0694 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 73.1489, 76.1097, 82.0694 by changing the saturation by 10% instead.

■ 73.1489, 76.1097,
82.0694

■ 73.1489, 76.1097,
82.0694

460.6265,
481.7231, 521.7693

■ 54.3865, 56.5225,
60.8866

122.6906,
127.8820, 138.1089

■ 39.1427, 40.6220,
43.7037

154.2006,
160.8358, 173.8026

■ 27.0520, 28.0238,
30.1021

190.6905,
199.0139, 215.1704

■ 17.7490, 18.3436,
19.6634

232.5257,
242.8008, 262.6308

■ 10.8686, 11.1970,
11.9690

280.0716,
292.5807, 316.6024

■ 6.0452, 6.1995,
6.6003

333.6934,

■ 2.9135, 2.9668,

348.7382, 377.5036

3.1388

393.7566,
411.6575, 445.7531

■ 1.1082, 1.1144,
1.1659

■ 0.0319, 0.0000,
0.0000

■ 73.1489, 76.1097,
82.0694

■ 73.1489, 76.1097,
82.0694

■ 64.4206, 63.3401,
64.7085

■ 83.1404, 90.7273,
101.9384

■ 56.8991, 52.3355,
49.7514

■ 86.4435, 95.5632,
108.4972

■ 50.5332, 43.0213,
37.0936

■ 45.2658, 35.3139,
26.6212

■ 41.0347, 29.1224,
18.2105

■ 37.7716, 24.3469,
11.7256

■ 35.4001, 20.8757,
7.0142

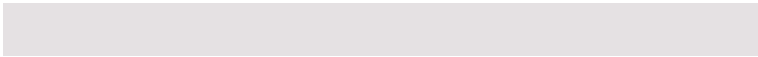
■ 33.8321, 18.5800,
3.9010

■ 32.9618, 17.3052,
2.1752

Harmonies

Analogous

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



73.1815, 76.1097, 83.3294



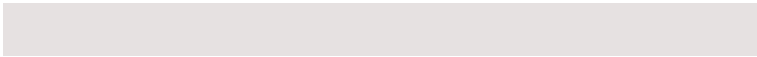
73.1489, 76.1097, 82.0694



72.8990, 76.1097, 81.0342

Triad

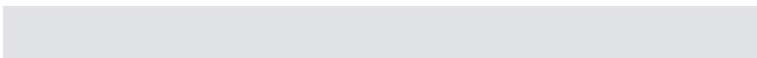
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1489, 76.1097, 82.0694



71.6959, 76.1097, 81.2838



72.1802, 76.1097, 85.2945

Complementary

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



73.1489, 76.1097, 82.0694



73.6309, 78.3130, 86.0989

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.



71.7838, 76.1097, 84.7344



73.1489, 76.1097, 82.0694



71.5050, 76.1097, 82.4134

Square

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



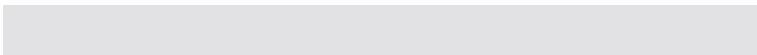
73.1489, 76.1097, 82.0694



72.0597, 76.1097, 80.5838



71.5371, 76.1097, 83.6768



72.6210, 76.1097, 85.2001

Rectangle

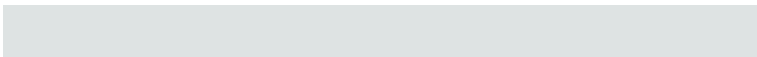
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1489, 76.1097, 82.0694



72.6435, 76.1097, 80.6067



71.5371, 76.1097, 83.6768



72.0374, 76.1097, 85.1763

Sweetspot

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



73.1511, 76.1130, 82.0711



93.8347, 98.2220, 106.4829



73.8422, 76.3877, 85.7162



20.0973, 21.0423, 22.8172



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.



73.1511, 76.1130, 82.0711



91.4524, 94.7367, 101.7451



73.8307, 77.4723, 82.2976



15.4542, 15.9444, 17.0606



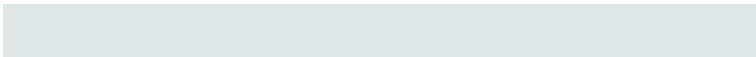
18.4766, 9.5274, 0.8651



1.3657, 0.7047, 0.0640

Inverse Universe

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



73.6309, 78.3130, 86.0989



92.2893, 98.5738, 108.7702



72.9413, 76.9339, 85.8691



15.6323, 16.7610, 18.5556



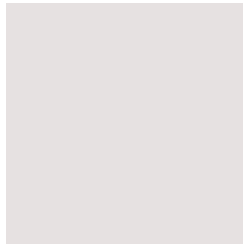
24.0769, 35.2159, 47.9115



1.7795, 2.6030, 3.5406

Previews

White Background



This preview shows how the XYZ color 73.1489, 76.1097, 82.0694 looks on a white background.

Color Contrast Check

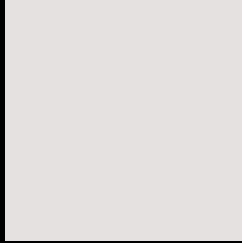
Large Text (above 18pt) WCAG AA × Fail

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 73.1489, 76.1097, 82.0694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

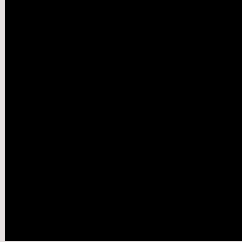
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

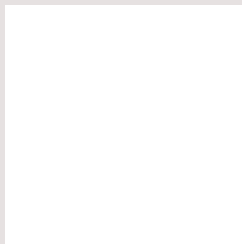
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1489, 76.1097, 82.0694

Background



This preview shows how black text looks on a background with the XYZ color 73.1489, 76.1097, 82.0694.

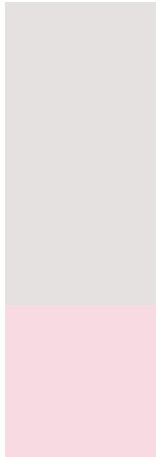


This preview shows how white text looks on a background with the XYZ color 73.1489, 76.1097,

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

73.1489, 76.1097, 82.0694

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

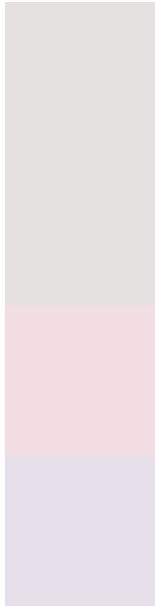
77.7704, 76.1105, 82.5434



Tritanopia

75.3946, 76.2224, 93.1768

Trichromacy



Original Color

73.1489, 76.1097, 82.0694

Protanomaly

73.1489, 76.1097, 82.0694

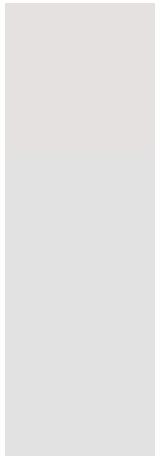
Deuteranomaly

75.8595, 75.9047, 82.6043

Tritanomaly

74.6060, 76.2984, 89.3922

Monochromacy



Original Color

73.1489, 76.1097, 82.0694

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.6024, 76.2146, 82.8358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1489, 76.1097, 82.0694 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(230, 225, 225) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 225)  
}
```

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(230, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.1489, 76.1097, 82.0694 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(230, 225, 225) }
```


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

```
.border{ border-color:rgb(230, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1489, 76.1097, 82.0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 225) }
```

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

```
.background{ background-color: rgb(230,  
225, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor