

Converting Colors

XYZ(73.5097, 77.0872, 82.9564)

Have a look what the booklet for
XYZ(73.5097, 77.0872, 82.9564)
contains.

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Color

**XYZ(73.5097, 77.0872,
82.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3E2
RGB	229, 227, 226
RGB Percent	90%, 89%, 89%
CMY	0.1020, 0.1098, 0.1137
CMYK	0.00, 0.01, 0.01, 0.10
HSL	20°, 5%, 89%
HSV	20°, 1%, 90%
XYZ	73.5097, 77.0872, 82.9564
YIQ	227.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

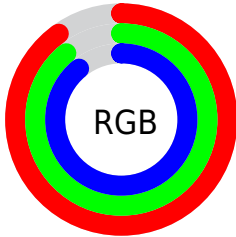
Format	Color
R _Y B	229, 228, 226
Decimal	15066082
CIE Lab	90.36, 0.50, 0.72
CIE LCh	90, 0.874, 54.977
Yxy	77.0872, 0.3147, 0.3301
Android (android.graphics.Color)	4293256162 (0xFFE5E3E2)
YUV	227.4840, -0.7316, 1.3295
Hunter-Lab	87.7993, -4.2002, 5.4399

Details

The XYZ color **73.5097, 77.0872, 82.9564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2504, 77.3117, 85.1919**, and the grayscale version is **73.3724, 77.1934, 84.0636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5588, 41.4440, 44.4426** is the 20% darker color. If you saturate the color by 10%, you get **66.5909, 67.9463, 66.1685**, and if you desaturate by 10%, it is **81.2215, 87.1403, 102.0811**.

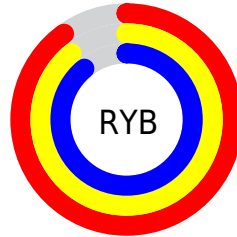
Distribution



Red (90%)

Green (89%)

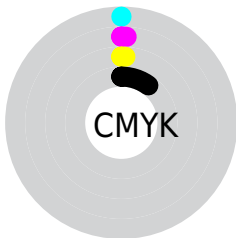
Blue (89%)



Red (90%)

Yellow (89%)

Blue (89%)

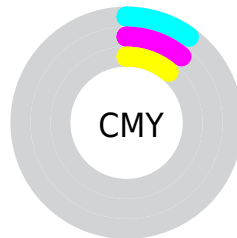


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5097, 77.0872, 82.9564 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 73.5097, 77.0872, 82.9564 by changing the saturation by 10% instead.

■ 73.5097, 77.0872,
82.9564

■ 73.5097, 77.0872,
82.9564

461.8559,
485.0613, 524.8084

■ 54.6827, 57.3244,
61.6138

123.1998,
129.2626, 139.3631

■ 39.3806, 41.2658,
44.2869

154.7935,
162.4440, 175.2642

■ 27.2380, 28.5268,
30.5573

191.3736,
200.8670, 216.8553

■ 17.8895, 18.7232,
20.0063

233.3053,
244.9162, 264.5548

■ 10.9699, 11.4704,
12.2155

280.9541,
294.9758, 318.7814

■ 6.1138, 6.3842,
6.7663

334.6852,

■ 2.9557, 3.0801,

351.4302, 379.9534

3.2402

394.8640,
414.6639, 448.4896

■ 1.1304, 1.1737,
1.2185

■ 0.0503, 0.0400,
0.0000

■ 73.5097, 77.0872,
82.9564

■ 73.5097, 77.0872,
82.9564

■ 66.5909, 67.9463,
66.1685

■ 81.2215, 87.1403,
102.0811

■ 60.4325, 59.6820,
51.6222

■ 86.1236, 95.3983,
108.4823

■ 55.0091, 52.2708,
39.2232

■ 50.2915, 45.6844,
28.8684

■ 46.2484, 39.8928,
20.4464

■ 42.8458, 34.8644,
13.8348

■ 40.0466, 30.5649,
8.8970

■ 37.8089, 26.9570,
5.4768

■ 36.0846, 23.9996,
3.3877

Harmonies

Analogous

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



73.6494, 77.0872, 83.4294



73.5097, 77.0872, 82.9564



73.3057, 77.0872, 82.7456

Triad

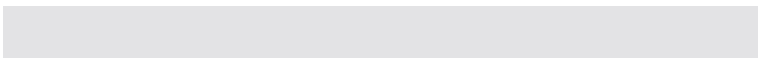
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5097, 77.0872, 82.9564



72.8526, 77.0872, 83.8299



73.4461, 77.0872, 85.0269

Complementary

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



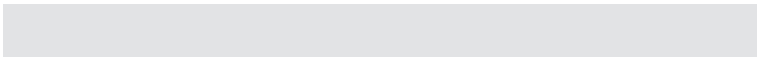
73.5097, 77.0872, 82.9564



73.2504, 77.3117, 85.1919

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.



73.2324, 77.0872, 85.1354



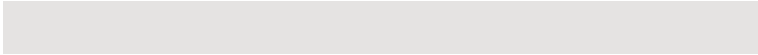
73.5097, 77.0872, 82.9564



72.8901, 77.0872, 84.4424

Square

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



73.5097, 77.0872, 82.9564



72.9266, 77.0872, 83.2483



73.0290, 77.0872, 84.9210



73.6126, 77.0872, 84.6251

Rectangle

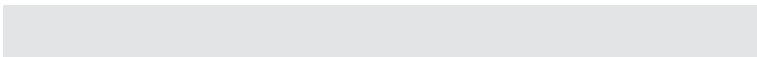
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



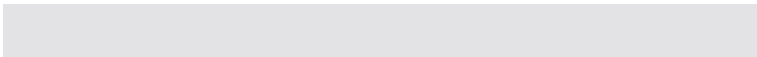
73.5097, 77.0872, 82.9564



73.1609, 77.0872, 82.7814



73.0290, 77.0872, 84.9210



73.3774, 77.0872, 85.0989

Sweetspot

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



73.5119, 77.0905, 82.9581

95.0500, 100.0000, 108.9000



73.5142, 76.6534, 84.3209



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

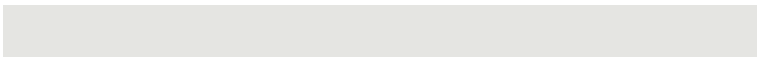
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5119, 77.0905, 82.9581



93.1666, 97.5299, 104.2750



73.9229, 77.9125, 83.0951



15.9175, 16.6680, 17.8407



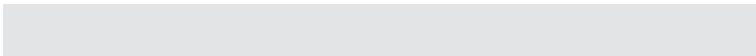
20.0770, 12.7281, 1.3986



1.5667, 1.1068, 0.1311

Inverse Universe

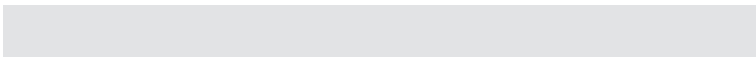
The Inverse Universe completely reimagines the original color for something new.



73.2504, 77.3117, 85.1919



92.6565, 97.9614, 108.6327



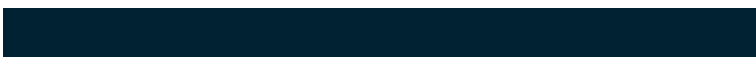
72.8405, 76.4921, 85.0553



15.8356, 16.7373, 18.5403



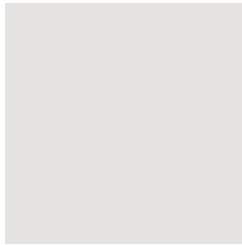
14.6552, 16.3726, 44.7710



1.1677, 1.3793, 3.3366

Previews

White Background



This preview shows how the XYZ color 73.5097, 77.0872, 82.9564 looks on a white background.

Color Contrast Check

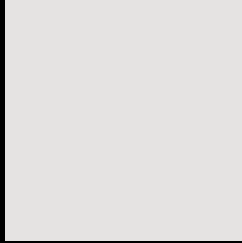
Large Text (above 18pt) WCAG AA × Fail

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 73.5097, 77.0872, 82.9564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

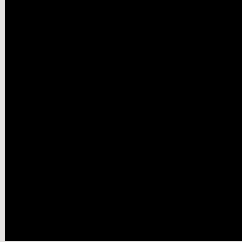
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

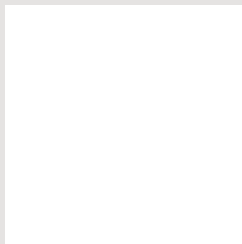
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5097, 77.0872, 82.9564

Background



This preview shows how black text looks on a background with the XYZ color 73.5097, 77.0872, 82.9564.



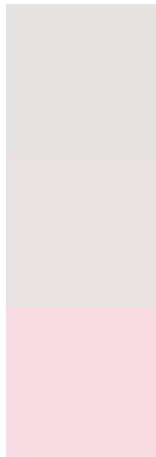
This preview shows how white text looks on a background with the XYZ color 73.5097, 77.0872,

82.9564.

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

73.5097, 77.0872, 82.9564

Protanopia

74.2025, 77.0395, 82.9107

Deuteranopia

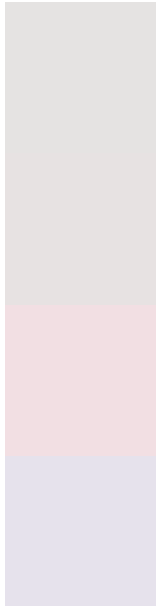
78.5252, 76.8722, 83.3721



Tritanopia

75.9072, 77.2502, 94.9144

Trichromacy



Original Color

73.5097, 77.0872, 82.9564

Protanomaly

73.8788, 76.8726, 82.8956

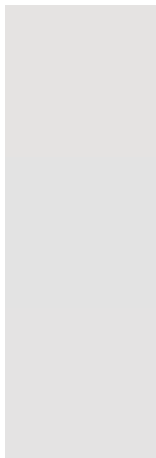
Deuteranomaly

76.8708, 77.1986, 83.5224

Tritanomaly

74.9698, 77.2718, 90.3205

Monochromacy



Original Color

73.5097, 77.0872, 82.9564

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3291, 76.9782, 83.6665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5097, 77.0872, 82.9564 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(229, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 226)  
}
```

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(229, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.5097, 77.0872, 82.9564 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(229, 227, 226) }
```

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

```
.border{ border-color:rgb(229, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 227, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 227, 226); box-shadow:4px 4px 4px 4px rgb(229, 227, 226) }
```


Background

The CSS property to change the background color of an element to XYZ 73.5097, 77.0872, 82.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 226) }
```

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

```
.background{ background-color: rgb(229,  
227, 226) }
```

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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