

Converting Colors

XYZ(72.0804, 77.2419, 76.0900)

Have a look what the booklet for
XYZ(72.0804, 77.2419, 76.0900)
contains.

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Color

**XYZ(72.0925, 77.3274,
76.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5D8
RGB	227, 229, 216
RGB Percent	89%, 90%, 85%
CMY	0.1098, 0.1019, 0.1529
CMYK	0.01, 0.00, 0.06, 0.10
HSL	69°, 20%, 87%
HSV	69°, 6%, 90%
XYZ	72.0925, 77.3274, 76.0917
YIQ	226.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

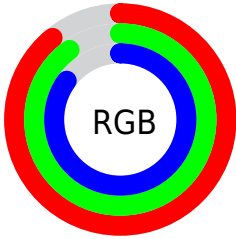
Format	Color
R _Y B	216, 229, 218
Decimal	14935512
CIE Lab	90.47, -2.94, 6.09
CIE LCh	90, 6.764, 115.792
Yxy	77.3274, 0.3197, 0.3429
Android (android.graphics.Color)	4293125592 (0xFFE3E5D8)
YUV	226.9200, -5.3836, 0.0702
Hunter-Lab	87.9360, -7.5485, 10.2511

Details

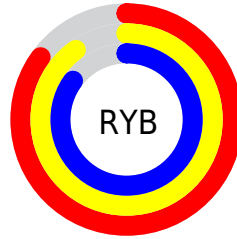
The XYZ color **72.0925, 77.3274, 76.0917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6152, 69.6764, 84.0180**, and the grayscale version is **72.9937, 76.7951, 83.6299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5823, 41.6160, 39.7174** is the 20% darker color. If you saturate the color by 10%, you get **68.2346, 75.6594, 61.5186**, and if you desaturate by 10%, it is **76.3902, 79.1789, 92.8425**.

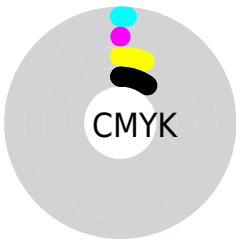
Distribution



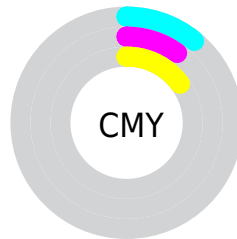
- Red (89%)
- Green (90%)
- Blue (85%)



- Red (85%)
- Yellow (90%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0925, 77.3274, 76.0917 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 72.0925, 77.3274, 76.0917 by changing the saturation by 10% instead.

■ 72.0925, 77.3274,
76.0917

■ 72.0925, 77.3274,
76.0917

457.0161,
485.8796, 501.0167

■ 53.5200, 57.5216,
56.0006

121.1981,
129.6015, 129.6178

■ 38.4472, 41.4242,
39.7994

152.4619,
162.8387, 163.8899

■ 26.5087, 28.6507,
27.0696

188.6869,
201.3217, 203.7260

■ 17.3393, 18.8167,
17.3926

230.2383,
245.4351, 249.5448

■ 10.5735, 11.5379,
10.3499

277.4816,
295.5632, 301.7647

■ 5.8460, 6.4299,
5.5229

330.7821,

■ 2.7914, 3.1082,

352.0904, 360.8043

2.4932

390.5052,
415.4010, 427.0821

■ 1.0444, 1.1885,
0.8365

■ 0.0000, 0.0523,
0.0000

■ 72.0925, 77.3274,
76.0917

■ 72.0925, 77.3274,
76.0917

■ 68.2346, 75.6594,
61.5186

■ 76.3902, 79.1789,
92.8425

■ 64.7929, 74.1580,
49.0287

■ 80.0226, 80.7645,
105.9792

■ 61.7514, 72.8194,
38.5282

■ 81.1936, 81.3682,
106.0340

■ 59.0903, 71.6354,
29.9141

■ 82.3879, 81.9838,
106.0899

■ 56.7883, 70.5977,
23.0741

■ 83.6055, 82.6115,
106.1469

■ 54.8215, 69.6966,
17.8841

■ 84.8466, 83.2513,
106.2050

■ 53.1632, 68.9215,
14.2039

■ 86.1113, 83.9033,
106.2641

■ 51.7823, 68.2598,
11.8702

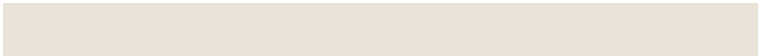
■ 87.3109, 84.5217,
106.3203

■ 50.6405, 67.6963,
10.6818

Harmonies

Analogous

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



73.7361, 77.3274, 75.2516



72.0925, 77.3274, 76.0917



70.8425, 77.3274, 79.0718

Triad

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



72.0925, 77.3274, 76.0917



71.6855, 77.3274, 92.1300



76.7861, 77.3274, 84.8812

Complementary

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



72.0925, 77.3274, 76.0917



67.6152, 69.6764, 84.0180

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.



76.2177, 77.3274, 89.5378



72.0925, 77.3274, 76.0917



73.2592, 77.3274, 93.8233

Square

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



72.0925, 77.3274, 76.0917



70.6101, 77.3274, 88.3110



74.9204, 77.3274, 92.8571



76.4623, 77.3274, 80.2116

Rectangle

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



72.0925, 77.3274, 76.0917



70.3919, 77.3274, 81.9327



74.9204, 77.3274, 92.8571



76.6928, 77.3274, 86.5014

Sweetspot

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



72.0946, 77.3308, 76.0934



93.9510, 99.5271, 104.6192



69.7688, 71.7349, 75.1359



20.1209, 21.3079, 22.4376



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

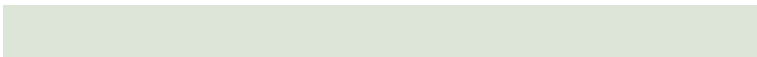
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0946, 77.3308, 76.0934



91.3029, 98.3851, 94.4138



70.0986, 76.3018, 76.0000



15.5347, 16.7692, 15.9367



28.7798, 38.6180, 5.9372



2.1859, 2.8842, 0.4415

Inverse Universe

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



67.6152, 69.6764, 84.0180



84.2794, 86.3833, 106.8394



69.5814, 70.6900, 84.1100



14.2516, 14.5766, 18.2068



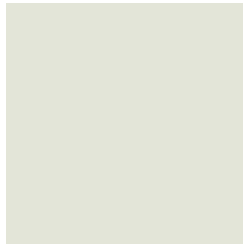
8.5519, 3.4746, 42.6031



0.6959, 0.2897, 3.1512

Previews

White Background



This preview shows how the XYZ color 72.0925, 77.3274, 76.0917 looks on a white background.

Color Contrast Check

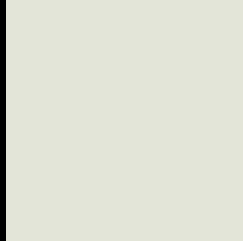
Large Text (above 18pt) WCAG AA × Fail

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 72.0925, 77.3274, 76.0917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

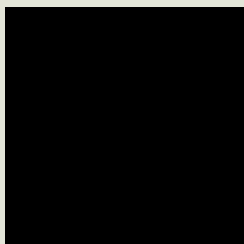
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

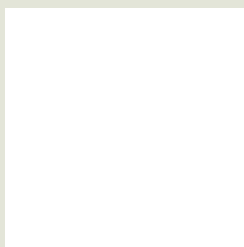
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0925, 77.3274, 76.0917

Background



This preview shows how black text looks on a background with the XYZ color 72.0925, 77.3274, 76.0917.

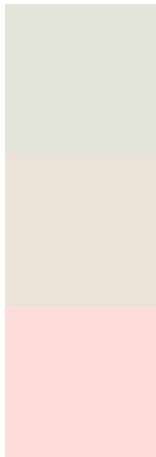


This preview shows how white text looks on a background with the XYZ color 72.0925, 77.3274,

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

72.0925, 77.3274, 76.0917

Protanopia

73.9958, 77.5066, 75.3503

Deuteranopia

78.7561, 77.1310, 77.0665



Tritanopia

76.0579, 77.3104, 95.7077

Trichromacy



Original Color

72.0925, 77.3274, 76.0917

Protanomaly

73.2879, 77.5489, 75.3957

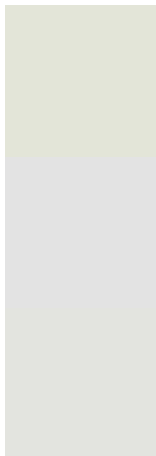
Deuteranomaly

76.2203, 77.0182, 76.4944

Tritanomaly

74.5375, 77.0989, 88.0438

Monochromacy



Original Color

72.0925, 77.3274, 76.0917

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.7412, 77.1454, 80.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0925, 77.3274, 76.0917 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(227, 229, 216) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 216)  
}
```

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(227, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 216) }
```

Border

The CSS property to change the border of an element to XYZ 72.0925, 77.3274, 76.0917 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(227, 229, 216) }
```


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

```
.border{ border-color:rgb(227, 229, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0925, 77.3274, 76.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 216) }
```

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

```
.background{ background-color: rgb(227,  
229, 216) }
```

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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