

Converting Colors

XYZ(72.3813, 76.3034, 81.4286)

Have a look what the booklet for
XYZ(72.3813, 76.3034, 81.4286)
contains.

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Color

**XYZ(72.3295, 76.1054,
81.3987)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E0
RGB	227, 226, 224
RGB Percent	89%, 89%, 88%
CMY	0.1098, 0.1137, 0.1216
CMYK	0.00, 0.00, 0.01, 0.11
HSL	40°, 5%, 88%
HSV	40°, 1%, 89%
XYZ	72.3295, 76.1054, 81.3987
YIQ	226.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

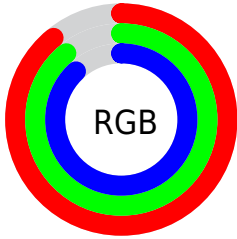
Format	Color
R _Y B	226, 227, 224
Decimal	14934752
CIE Lab	89.91, -0.01, 1.08
CIE LCh	90, 1.084, 90.711
Yxy	76.1054, 0.3147, 0.3311
Android (android.graphics.Color)	4293124832 (0xFFE3E2E0)
YUV	226.0710, -1.0210, 0.8147
Hunter-Lab	87.2384, -4.6726, 5.7457

Details

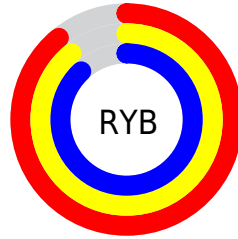
The XYZ color **72.3295, 76.1054, 81.3987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5310, 75.2430, 83.4275**, and the grayscale version is **72.3485, 76.1162, 82.8905**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7376, 40.7610, 43.3621** is the 20% darker color. If you saturate the color by 10%, you get **67.4497, 70.9475, 65.5837**, and if you desaturate by 10%, it is **77.7148, 81.6146, 99.4118**.

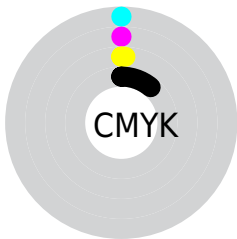
Distribution



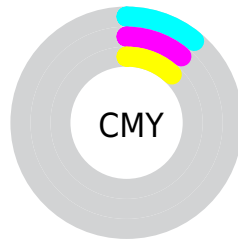
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (89%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3295, 76.1054, 81.3987 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 72.3295, 76.1054, 81.3987 by changing the saturation by 10% instead.

■ 72.3295, 76.1054,
81.3987

■ 72.3295, 76.1054,
81.3987

457.8275,
481.7084, 519.4647

■ 53.7143, 56.5189,
60.3371

121.5331,
127.8759, 137.1596

■ 38.6031, 40.6191,
43.2633

152.8523,
160.8287, 172.6959

■ 26.6304, 28.0216,
29.7589

189.1368,
199.0058, 213.8942

■ 17.4310, 18.3419,
19.4051

230.7521,
242.7914, 261.1731

■ 10.6395, 11.1958,
11.7836

278.0634,
292.5702, 314.9510

■ 5.8904, 6.1987,
6.4758

331.4362,

■ 2.8186, 2.9663,

348.7263, 375.6466

3.0630

391.2358,
411.6443, 443.6783

■ 1.0586, 1.1141,
1.1269

■ 0.0000, 0.0000,
0.0000

■ 72.3295, 76.1054,
81.3987

■ 72.3295, 76.1054,
81.3987

■ 67.4497, 70.9475,
65.5837

■ 77.7148, 81.6146,
99.4118

■ 63.0518, 66.1223,
51.8764

■ 81.2090, 86.5109,
107.0259

■ 59.1193, 61.6238,
40.1873

■ 83.4880, 91.0690,
107.7855

■ 55.6327, 57.4423,
30.4185

■ 85.4891, 95.0712,
108.4526

■ 52.5706, 53.5674,
22.4640

■ 49.9099, 49.9876,
16.2073

■ 47.6245, 46.6907,
11.5184

■ 45.6849, 43.6627,
8.2481

■ 44.0561, 40.8874,
6.2180

Harmonies

Analogous

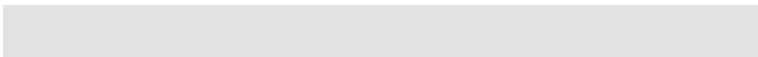
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5883, 76.1054, 81.5852



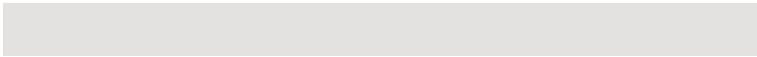
72.3295, 76.1054, 81.3987



72.0730, 76.1054, 81.6033

Triad

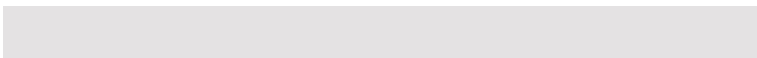
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3295, 76.1054, 81.3987



71.8937, 76.1054, 83.6219



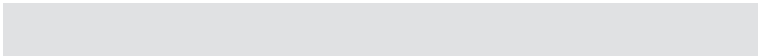
72.7863, 76.1054, 83.5900

Complementary

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



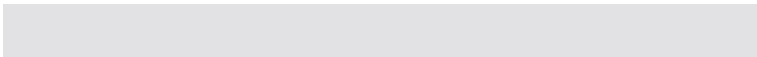
72.3295, 76.1054, 81.3987



71.5310, 75.2430, 83.4275

Split Complementary

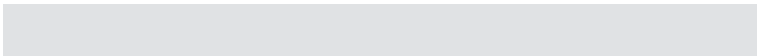
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5994, 76.1054, 84.1413



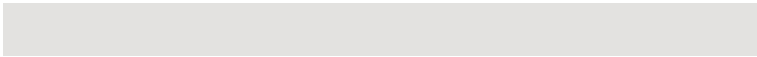
72.3295, 76.1054, 81.3987



72.0841, 76.1054, 84.1598

Square

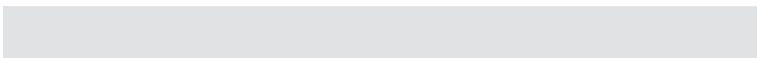
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3295, 76.1054, 81.3987



71.8218, 76.1054, 82.8842



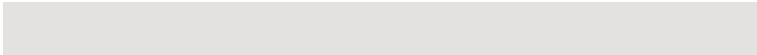
72.3423, 76.1054, 84.3505



72.8525, 76.1054, 82.8475

Rectangle

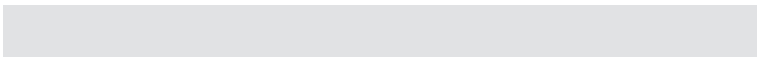
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3295, 76.1054, 81.3987



71.9377, 76.1054, 81.9347



72.3423, 76.1054, 84.3505



72.7355, 76.1054, 83.8040

Sweetspot

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



72.3316, 76.1087, 81.4004

95.0500, 100.0000, 108.9000



71.9260, 75.0797, 81.9363



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

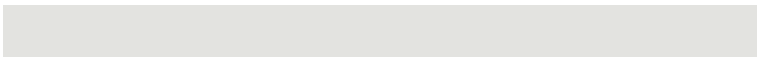
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.3316, 76.1087, 81.4004



93.7017, 98.5999, 104.4534



72.4459, 76.5709, 81.4836



16.0034, 16.8398, 17.8693



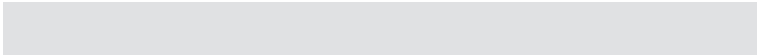
25.0980, 22.7701, 3.0723



1.9391, 1.8514, 0.2552

Inverse Universe

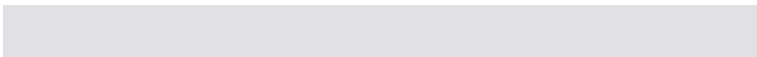
The Inverse Universe completely reimagines the original color for something new.



71.5310, 75.2430, 83.4275



92.1215, 96.8914, 108.4543



71.4177, 74.7859, 83.3452



15.7497, 16.5655, 18.5117



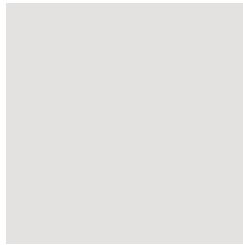
9.6646, 6.3914, 43.1074



0.7970, 0.6380, 3.2131

Previews

White Background



This preview shows how the XYZ color 72.3295, 76.1054, 81.3987 looks on a white background.

Color Contrast Check

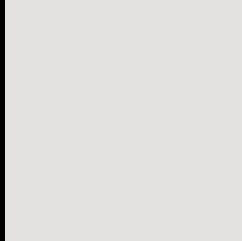
Large Text (above 18pt) WCAG AA × Fail

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 72.3295, 76.1054, 81.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

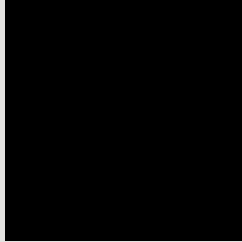
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

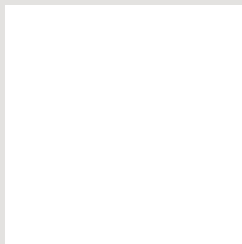
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3295, 76.1054, 81.3987

Background



This preview shows how black text looks on a background with the XYZ color 72.3295, 76.1054, 81.3987.

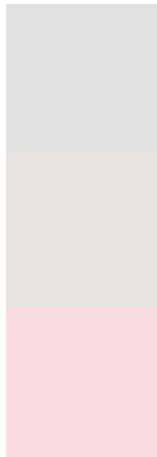


This preview shows how white text looks on a background with the XYZ color 72.3295, 76.1054,

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

72.3295, 76.1054, 81.3987

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

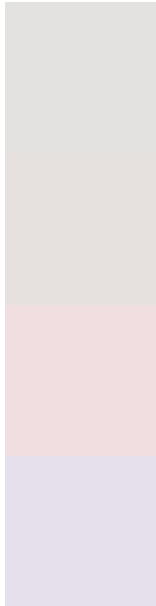
77.6335, 76.0557, 81.8227



Tritanopia

74.8980, 75.9492, 93.9312

Trichromacy



Original Color

72.3295, 76.1054, 81.3987

Protanomaly

72.8776, 76.0011, 80.6407

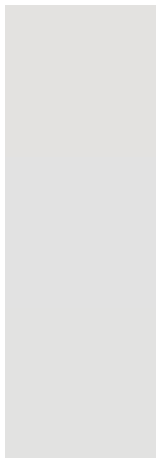
Deuteranomaly

75.6471, 76.2041, 81.9560

Tritanomaly

73.9641, 75.9675, 89.3621

Monochromacy



Original Color

72.3295, 76.1054, 81.3987

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1510, 75.9977, 82.1004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3295, 76.1054, 81.3987 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, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 224)  
}
```

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, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.3295, 76.1054, 81.3987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

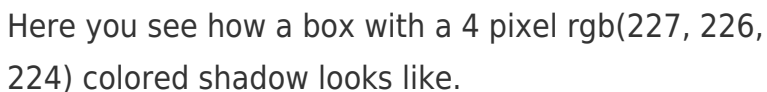
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 226, 224) }
```

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

```
.border{ border-color:rgb(227, 226, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 226, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 226, 224); box-shadow:4px 4px 4px 4px rgb(227, 226, 224) }
```


Background

The CSS property to change the background color of an element to XYZ 72.3295, 76.1054, 81.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 224) }
```

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

```
.background{ background-color: rgb(227,  
226, 224) }
```

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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