

Converting Colors

XYZ(72.6267, 75.6514, 83.1365)

Have a look what the booklet for
XYZ(72.6267, 75.6514, 83.1365)
contains.

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Color

**XYZ(72.7853, 75.8905,
83.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E1E3
RGB	228, 225, 227
RGB Percent	89%, 88%, 89%
CMY	0.1059, 0.1176, 0.1098
CMYK	0.00, 0.01, 0.00, 0.11
HSL	320°, 5%, 89%
HSV	320°, 1%, 89%
XYZ	72.7853, 75.8905, 83.4852
YIQ	226.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

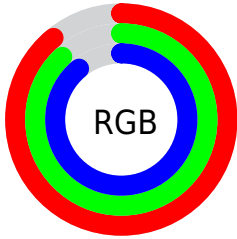
Format	Color
R_YB	228, 225, 227
Decimal	15000035
CIE Lab	89.81, 1.37, -0.63
CIE LCh	90, 1.509, 335.504
Yxy	75.8905, 0.3135, 0.3269
Android (android.graphics.Color)	4293190115 (0xFFE4E1E3)
YUV	226.1250, 0.4314, 1.6444
Hunter-Lab	87.1152, -3.3136, 4.1611

Details

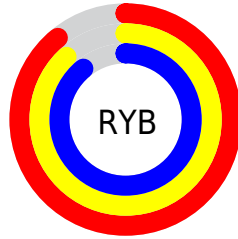
The XYZ color **72.7853, 75.8905, 83.4852** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5251, 76.9874, 82.9930**, and the grayscale version is **72.3774, 76.1467, 82.9237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0547, 40.6122, 44.8103** is the 20% darker color. If you saturate the color by 10%, you get **66.0020, 63.9668, 76.1567**, and if you desaturate by 10%, it is **80.4424, 89.4853, 91.3359**.

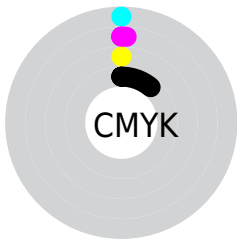
Distribution



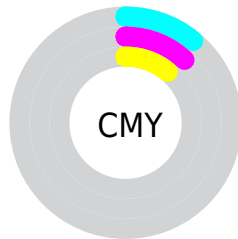
- Red (89%)
- Green (88%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7853, 75.8905, 83.4852 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 72.7853, 75.8905, 83.4852 by changing the saturation by 10% instead.

■ 72.7853, 75.8905,
83.4852

■ 72.7853, 75.8905,
83.4852

459.3857,
480.9728, 526.6154

■ 54.0882, 56.3427,
62.0476

122.1771,
127.5721, 140.1101

■ 38.9031, 40.4778,
44.6351

153.6026,
160.4747, 176.1345

■ 26.8647, 27.9113,
30.8293

190.0015,
198.5978, 217.8582

■ 17.6077, 18.2588,
20.2115

231.7392,
242.3256, 265.6997

■ 10.7667, 11.1359,
12.3633

279.1812,
292.0426, 320.0777

■ 5.9763, 6.1583,
6.8661

332.6926,

■ 2.8712, 2.9416,

348.1332, 381.4106

3.3013

392.6390,
410.9818, 450.1170

■ 1.0860, 1.1013,
1.2505

■ 0.0134, 0.0000,
0.0207

■ 72.7853, 75.8905,
83.4852

■ 72.7853, 75.8905,
83.4852

■ 66.0020, 63.9668,
76.1567

■ 80.4424, 89.4853,
91.3359

■ 60.0530, 53.6396,
69.3315

■ 83.8157, 94.4384,
97.9896

■ 54.9054, 44.8426,
62.9966

■ 84.9843, 94.9058,
104.1432

■ 50.5215, 37.5017,
57.1364

■ 85.8054, 95.2342,
108.4674

■ 46.8605, 31.5362,
51.7342

■ 43.8776, 26.8576,
46.7719

■ 41.5229, 23.3670,
42.2296

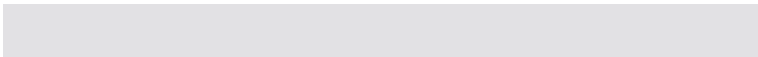
■ 39.7392, 20.9510,
38.0849

■ 38.4579, 19.4740,
34.3116

Harmonies

Analogous

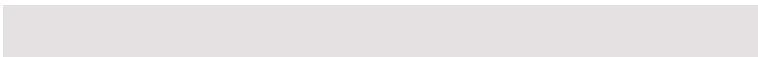
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.5484, 75.8905, 84.3128



72.7853, 75.8905, 83.4852



72.8468, 75.8905, 82.4353

Triad

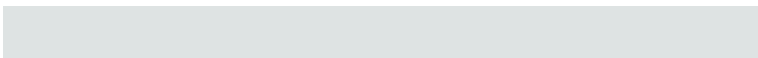
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7853, 75.8905, 83.4852



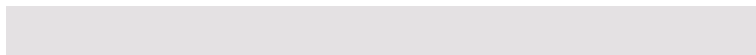
72.0630, 75.8905, 80.6071



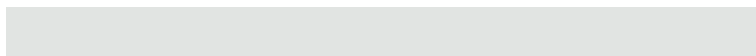
71.5502, 75.8905, 83.8287

Complementary

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



72.7853, 75.8905, 83.4852



72.5251, 76.9874, 82.9930

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.



71.4211, 75.8905, 82.8287



72.7853, 75.8905, 83.4852



71.7165, 75.8905, 80.9734

Square

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



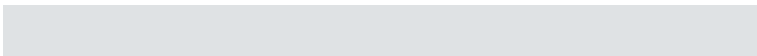
72.7853, 75.8905, 83.4852



72.4290, 75.8905, 80.7795



71.4819, 75.8905, 81.7843



71.8351, 75.8905, 84.5123

Rectangle

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



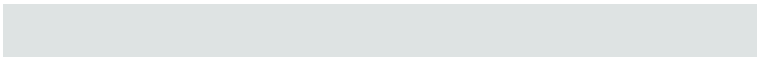
72.7853, 75.8905, 83.4852



72.7799, 75.8905, 81.7519



71.4819, 75.8905, 81.7843



71.4872, 75.8905, 83.5181

Sweetspot

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



72.7875, 75.8938, 83.4869

95.0500, 100.0000, 108.9000



72.2958, 75.6243, 84.1865



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.



72.7875, 75.8938, 83.4869



93.1717, 96.6799, 106.9279



72.5817, 75.8115, 82.4034



15.9183, 16.5315, 18.2667



21.8002, 10.8543, 18.3747



1.6537, 0.8192, 1.5827

Inverse Universe

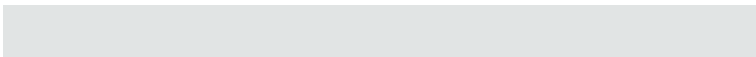
The Inverse Universe completely reimagines the original color for something new.



72.7875, 75.8938, 83.4869



93.1717, 96.6799, 106.9279



72.7315, 77.0699, 84.0796



15.9183, 16.5315, 18.2667



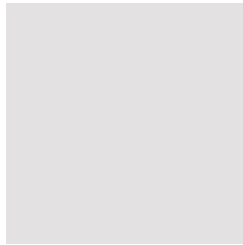
21.8002, 10.8543, 18.3747



1.6537, 0.8192, 1.5827

Previews

White Background



This preview shows how the XYZ color 72.7853, 75.8905, 83.4852 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 72.7853, 75.8905, 83.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

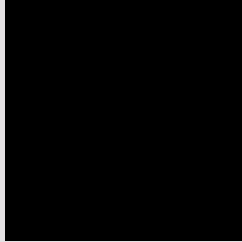
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

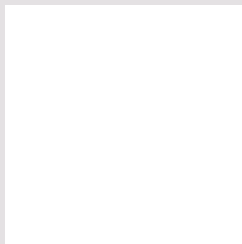
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7853, 75.8905, 83.4852

Background



This preview shows how black text looks on a background with the XYZ color 72.7853, 75.8905, 83.4852.



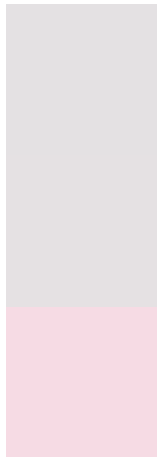
This preview shows how white text looks on a background with the XYZ color 72.7853, 75.8905,

83.4852.

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

72.7853, 75.8905, 83.4852

Protanopia

73.1034, 76.0545, 83.5001

Deuteranopia

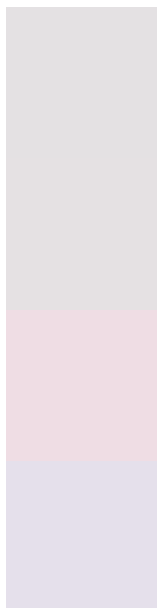
77.3411, 75.8573, 83.9644



Tritanopia

74.7490, 75.8896, 93.1465

Trichromacy



Original Color

72.7853, 75.8905, 83.4852

Protanomaly

73.1034, 76.0545, 83.5001

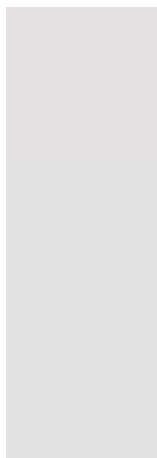
Deuteranomaly

75.4566, 75.6651, 84.0266

Tritanomaly

73.9641, 75.9675, 89.3621

Monochromacy



Original Color

72.7853, 75.8905, 83.4852

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 72.7853, 75.8905, 83.4852 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(228, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 227)  
}
```

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(228, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 72.7853, 75.8905, 83.4852 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(228, 225, 227) }
```

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

```
.border{ border-color:rgb(228, 225, 227) }
```

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

Here you see how a box with a 4 pixel rgb(228, 225, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
227) }
```


Background

The CSS property to change the background color of an element to XYZ 72.7853, 75.8905, 83.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 227) }
```

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

```
.background{ background-color: rgb(228,  
225, 227) }
```

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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