

Converting Colors

XYZ(73.7588, 78.1214, 85.3961)

Have a look what the booklet for
XYZ(73.7588, 78.1214, 85.3961)
contains.

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Color

**XYZ(73.5262, 77.8645,
85.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E5E5
RGB	226, 229, 229
RGB Percent	89%, 90%, 90%
CMY	0.1137, 0.1019, 0.1020
CMYK	0.01, 0.00, 0.00, 0.10
HSL	180°, 5%, 89%
HSV	180°, 1%, 90%
XYZ	73.5262, 77.8645, 85.2828
YIQ	228.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

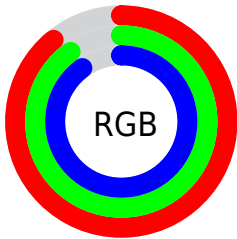
Format	Color
R _Y B	226, 228, 229
Decimal	14869989
CIE Lab	90.72, -1.00, -0.36
CIE LCh	91, 1.064, 199.906
Yxy	77.8645, 0.3107, 0.3290
Android (android.graphics.Color)	4293060069 (0xFFE2E5E5)
YUV	228.1030, 0.4422, -1.8443
Hunter-Lab	88.2409, -5.6874, 4.4662

Details

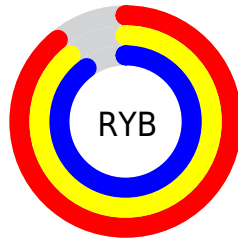
The XYZ color **73.5262, 77.8645, 85.2828** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2398, 76.5438, 82.8697**, and the grayscale version is **73.8178, 77.6621, 84.5740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5706, 41.9860, 46.0629** is the 20% darker color. If you saturate the color by 10%, you get **66.8159, 74.4079, 84.9491**, and if you desaturate by 10%, it is **81.2000, 81.8222, 85.6648**.

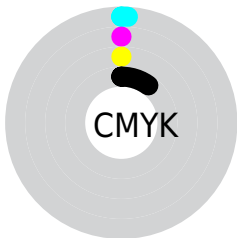
Distribution



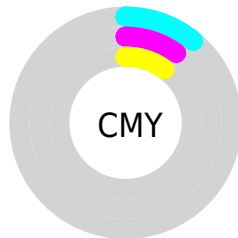
- Red (89%)
- Green (90%)
- Blue (90%)



- Red (89%)
- Yellow (89%)
- Blue (90%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5262, 77.8645, 85.2828 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 73.5262, 77.8645, 85.2828 by changing the saturation by 10% instead.

■ 73.5262, 77.8645,
85.2828

■ 73.5262, 77.8645,
85.2828

461.9121,
487.7065, 532.7323

■ 54.6962, 57.9627,
63.5236

123.2230,
130.3591, 142.6459

■ 39.3915, 41.7786,
45.8212

154.8206,
163.7207, 179.0868

■ 27.2465, 28.9280,
31.7571

191.4048,
202.3376, 221.2588

■ 17.8960, 19.0264,
20.9128

233.3410,
246.5943, 269.5803

■ 10.9746, 11.6893,
12.8696

280.9944,
296.8751, 324.4698

■ 6.1169, 6.5325,
7.2092

334.7305,

■ 2.9576, 3.1715,

353.5645, 386.3460

3.5128

394.9146,
417.0468, 455.6273

■ 1.1314, 1.2219,
1.3621

■ 0.0511, 0.0795,
0.1119

■ 73.5262, 77.8645,
85.2828

■ 73.5262, 77.8645,
85.2828

■ 66.8159, 74.4079,
84.9491

■ 81.2000, 81.8222,
85.6648

■ 61.0248, 71.4230,
84.6568

■ 83.4120, 82.9621,
85.7896

■ 56.1149, 68.8922,
84.4058

■ 83.4161, 82.9637,
85.8110

■ 52.0429, 66.7935,
84.1940

■ 83.4202, 82.9653,
85.8325

■ 48.7620, 65.1026,
84.0192

■ 83.4242, 82.9670,
85.8539

■ 46.2208, 63.7931,
83.8791

■ 83.4283, 82.9686,
85.8754

■ 44.3618, 62.8352,
83.7708

■ 83.4324, 82.9702,
85.8969

■ 43.1191, 62.1950,
83.6915

■ 83.4365, 82.9719,
85.9183

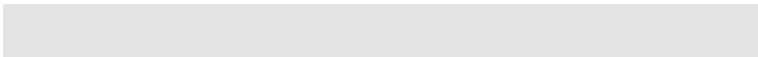
■ 42.4136, 61.8318,
83.6372

■ 83.4405, 82.9735,
85.9398

Harmonies

Analogous

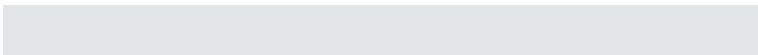
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5036, 77.8645, 84.5238



73.5262, 77.8645, 85.2828



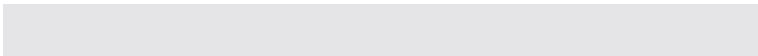
73.6777, 77.8645, 85.9110

Triad

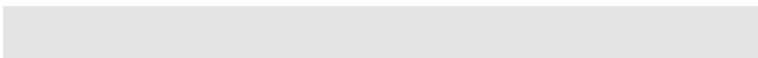
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5262, 77.8645, 85.2828



74.4013, 77.8645, 85.7317



74.0979, 77.8645, 83.3419

Complementary

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



73.5262, 77.8645, 85.2828



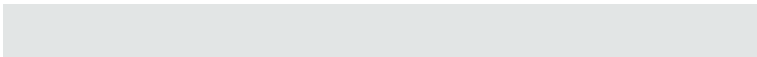
73.2398, 76.5438, 82.8697

Split Complementary

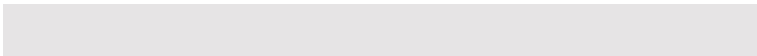
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3390, 77.8645, 83.6614



73.5262, 77.8645, 85.2828



74.5145, 77.8645, 85.0392

Square

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



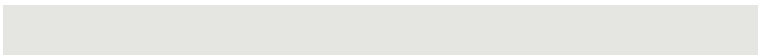
73.5262, 77.8645, 85.2828



74.1828, 77.8645, 86.1712



74.4916, 77.8645, 84.2816



73.8332, 77.8645, 83.4062

Rectangle

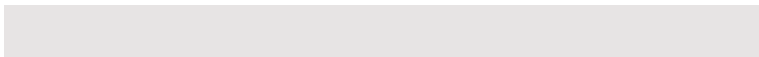
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5262, 77.8645, 85.2828



73.8316, 77.8645, 86.1695



74.4916, 77.8645, 84.2816



74.1844, 77.8645, 83.4079

Sweetspot

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



73.5284, 77.8678, 85.2845

95.0500, 100.0000, 108.9000



73.1287, 77.7098, 83.0979



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

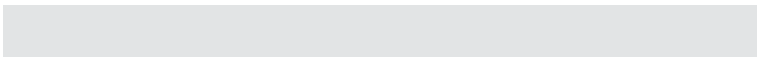
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5284, 77.8678, 85.2845



93.1975, 99.0451, 108.8078



73.1289, 77.0679, 85.1540



15.9224, 16.9112, 18.5684



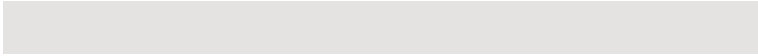
24.0834, 35.2655, 47.8008



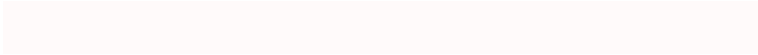
1.7799, 2.6061, 3.5337

Inverse Universe

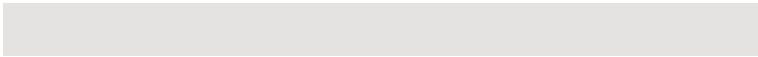
The Inverse Universe completely reimagines the original color for something new.



73.2398, 76.5438, 82.8697



92.6352, 96.4653, 104.1029



73.6358, 77.3365, 82.9991



15.8321, 16.4970, 17.8131



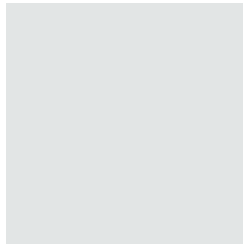
18.4763, 9.5247, 0.8712



1.3656, 0.7039, 0.0658

Previews

White Background



This preview shows how the XYZ color 73.5262, 77.8645, 85.2828 looks on a white background.

Color Contrast Check

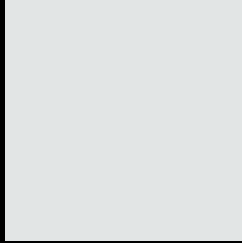
Large Text (above 18pt) WCAG AA × Fail

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 73.5262, 77.8645, 85.2828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

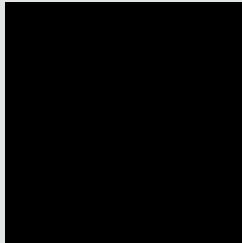
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

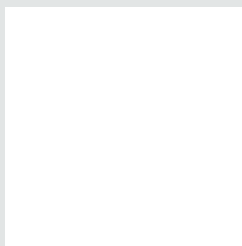
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5262, 77.8645, 85.2828

Background



This preview shows how black text looks on a background with the XYZ color 73.5262, 77.8645, 85.2828.



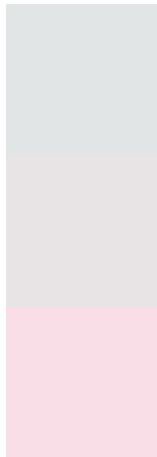
This preview shows how white text looks on a background with the XYZ color 73.5262, 77.8645,

85.2828.

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

73.5262, 77.8645, 85.2828

Protanopia

74.7514, 77.6954, 84.4557

Deuteranopia

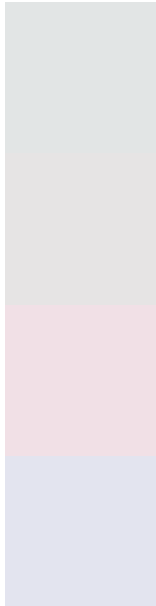
79.3472, 77.6222, 86.4018



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

73.5262, 77.8645, 85.2828

Protanomaly

74.3801, 77.9112, 84.5169

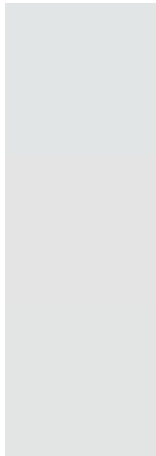
Deuteranomaly

77.2142, 77.7253, 85.7958

Tritanomaly

75.0019, 78.0497, 92.7734

Monochromacy



Original Color

73.5262, 77.8645, 85.2828

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.4255, 77.4191, 84.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5262, 77.8645, 85.2828 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(226, 229, 229) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 73.5262, 77.8645, 85.2828 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(226, 229, 229) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 73.5262, 77.8645, 85.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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