

Converting Colors

XYZ(73.9759, 75.5086, 79.5238)

Have a look what the booklet for
XYZ(73.9759, 75.5086, 79.5238)
contains.

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Color

**XYZ(73.8982, 75.3493,
79.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEDE
RGB	236, 222, 222
RGB Percent	93%, 87%, 87%
CMY	0.0745, 0.1294, 0.1294
CMYK	0.00, 0.06, 0.06, 0.07
HSL	0°, 27%, 90%
HSV	0°, 6%, 93%
XYZ	73.8982, 75.3493, 79.7563
YIQ	226.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

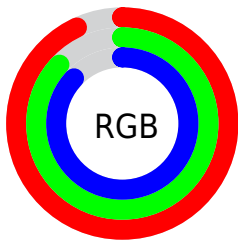
Format	Color
R _Y B	236, 222, 222
Decimal	15523550
CIE Lab	89.56, 4.78, 1.71
CIE LCh	90, 5.075, 19.647
Yxy	75.3493, 0.3227, 0.3290
Android (android.graphics.Color)	4293713630 (0xFFECDEDE)
YUV	226.1860, -2.0637, 8.6069
Hunter-Lab	86.8040, 0.0542, 6.2866

Details

The XYZ color **73.8982, 75.3493, 79.7563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2600, 81.5756, 91.1370**, and the grayscale version is **72.4353, 76.2076, 82.9900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6162, 40.1308, 42.2172** is the 20% darker color. If you saturate the color by 10%, you get **65.1203, 62.5056, 62.3018**, and if you desaturate by 10%, it is **84.0000, 90.1304, 99.8383**.

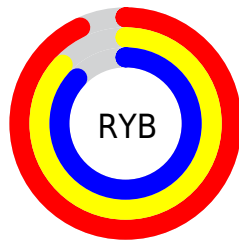
Distribution



Red (93%)

Green (87%)

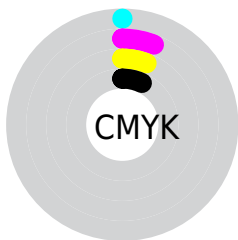
Blue (87%)



Red (93%)

Yellow (87%)

Blue (87%)

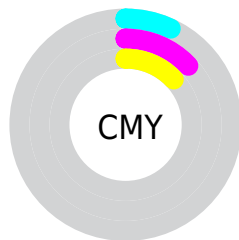


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8982, 75.3493, 79.7563 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 73.8982, 75.3493, 79.7563 by changing the saturation by 10% instead.

73.8982, 75.3493,
79.7563

73.8982, 75.3493,
79.7563

463.1777,
479.1173, 513.7963

55.0017, 55.8991,
58.9928

123.7478,
126.8067, 134.8313

39.6369, 40.1220,
42.1874

155.4315,
159.5827, 169.9800

27.4385, 27.6337,
28.9214

192.1085,
197.5694, 210.7609

18.0411, 18.0497,
18.7763

234.1439,
241.1511, 257.5924

11.0794, 10.9857,
11.3336

281.9032,
290.7124, 310.8932

6.1879, 6.0572,
6.1747

335.7517,

3.0014, 2.8799,

346.6376, 371.0817

2.8811

396.0547,
409.3111, 438.5765

■ 1.1545, 1.0694,
1.0342

■ 0.0700, 0.0000,
0.0000

■ 73.8982, 75.3493,
79.7563

■ 73.8982, 75.3493,
79.7563

■ 65.1203, 62.5056,
62.3018

■ 84.0000, 90.1304,
99.8383

■ 57.6055, 51.5097,
47.3614

■ 88.4026, 96.5731,
108.5889

■ 51.2976, 42.2796,
34.8210

■ 46.1337, 34.7233,
24.5554

■ 42.0453, 28.7407,
16.4284

■ 38.9566, 24.2207,
10.2891

■ 36.7818, 21.0380,
5.9670

■ 35.4209, 19.0460,
3.2630

■ 34.7500, 18.0639,
1.9308

Harmonies

Analogous

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



74.0009, 75.3493, 83.2823



73.8982, 75.3493, 79.7563



73.1803, 75.3493, 76.9221

Triad

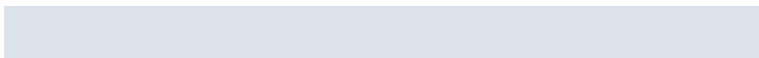
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8982, 75.3493, 79.7563



69.8063, 75.3493, 77.6780



71.1874, 75.3493, 88.9817

Complementary

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



73.8982, 75.3493, 79.7563



75.2600, 81.5756, 91.1370

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.



70.0766, 75.3493, 87.3854



73.8982, 75.3493, 79.7563



69.2854, 75.3493, 80.8152

Square

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



73.8982, 75.3493, 79.7563



70.8144, 75.3493, 75.7465



69.3837, 75.3493, 84.3721



72.4261, 75.3493, 88.6782

Rectangle

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



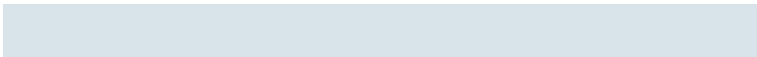
73.8982, 75.3493, 79.7563



72.4541, 75.3493, 75.7740



69.3837, 75.3493, 84.3721



70.7869, 75.3493, 88.6477

Sweetspot

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



73.9003, 75.3526, 79.7579



92.6346, 96.4658, 104.0977



75.8548, 76.1327, 90.0551



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



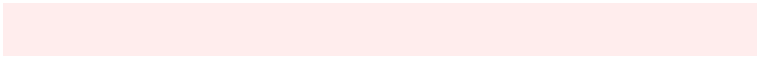
20.3446, 21.4041, 23.3091

Same Dimension

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



73.9003, 75.3526, 79.7579



86.8770, 88.0413, 92.6505



75.7973, 79.1466, 80.3903



15.4328, 15.5916, 16.3600



19.0683, 9.8309, 0.8925



1.4974, 0.7722, 0.0701

Inverse Universe

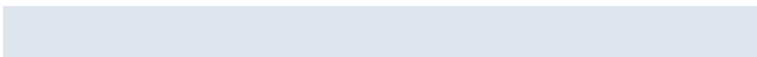
The Inverse Universe completely reimagines the original color for something new.



75.2600, 81.5756, 91.1370



88.7836, 96.7672, 108.6063



73.2850, 77.6255, 90.4787



15.7987, 17.2663, 19.4223



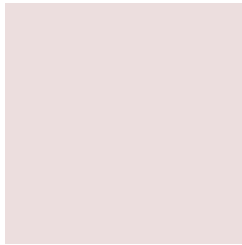
24.8696, 36.3861, 49.4554



1.9530, 2.8574, 3.8835

Previews

White Background



This preview shows how the XYZ color 73.8982, 75.3493, 79.7563 looks on a white background.

Color Contrast Check

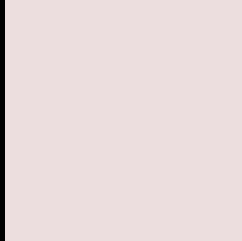
Large Text (above 18pt) WCAG AA × Fail

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 73.8982, 75.3493, 79.7563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

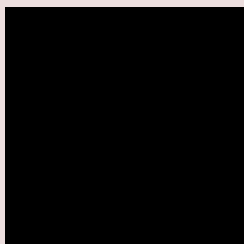
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

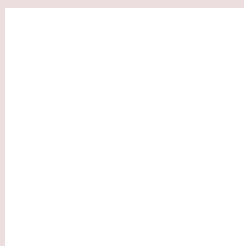
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8982, 75.3493, 79.7563

Background



This preview shows how black text looks on a background with the XYZ color 73.8982, 75.3493, 79.7563.



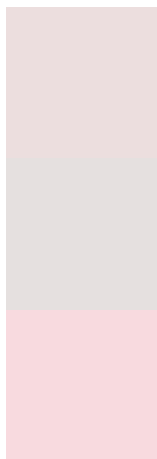
This preview shows how white text looks on a background with the XYZ color 73.8982, 75.3493,

79.7563.

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

73.8982, 75.3493, 79.7563

Protanopia

72.2880, 75.2970, 80.5358

Deuteranopia

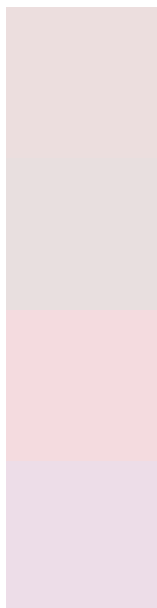
77.1021, 75.4270, 80.3072



Tritanopia

76.1392, 75.4780, 90.6765

Trichromacy



Original Color

73.8982, 75.3493, 79.7563

Protanomaly

72.9857, 75.2589, 80.4917

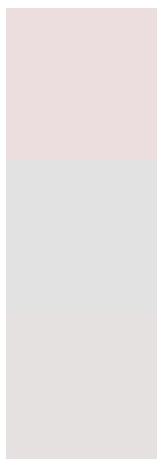
Deuteranomaly

75.9590, 75.2238, 80.3282

Tritanomaly

75.3470, 75.5436, 86.9541

Monochromacy



Original Color

73.8982, 75.3493, 79.7563

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1489, 76.1097, 82.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8982, 75.3493, 79.7563 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(236, 222, 222) looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 222)  
}
```

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(236, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.8982, 75.3493, 79.7563 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(236, 222, 222) }
```


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

```
.border{ border-color:rgb(236, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8982, 75.3493, 79.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 222) }
```

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

```
.background{ background-color: rgb(236,  
222, 222) }
```

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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