

Converting Colors

XYZ(73.2011, 77.7873, 82.4368)

Have a look what the booklet for
XYZ(73.2011, 77.7873, 82.4368)
contains.

XYZ(73.2885, 77.8058, 82.3895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.2885, 77.8058,
82.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E5E1
RGB	227, 229, 225
RGB Percent	89%, 90%, 88%
CMY	0.1098, 0.1019, 0.1176
CMYK	0.01, 0.00, 0.02, 0.10
HSL	90°, 7%, 89%
HSV	90°, 2%, 90%
XYZ	73.2885, 77.8058, 82.3895
YIQ	227.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

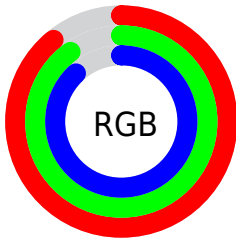
Format	Color
R_{YB}	225, 229, 227
Decimal	14935521
CIE Lab	90.69, -1.38, 1.70
CIE LCh	91, 2.190, 129.053
Yxy	77.8058, 0.3139, 0.3332
Android (android.graphics.Color)	4293125601 (0xFFE3E5E1)
YUV	227.9460, -1.4524, -0.8296
Hunter-Lab	88.2076, -6.0541, 6.3660

Details

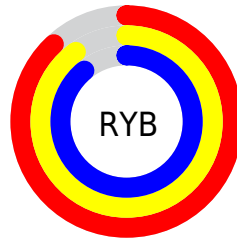
The XYZ color **73.2885, 77.8058, 82.3895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7497, 75.8406, 84.9372**, and the grayscale version is **73.7155, 77.5544, 84.4568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4050, 41.9450, 44.0495** is the 20% darker color. If you saturate the color by 10%, you get **66.8764, 74.8395, 66.8606**, and if you desaturate by 10%, it is **80.3648, 81.0705, 100.1399**.

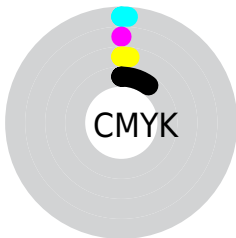
Distribution



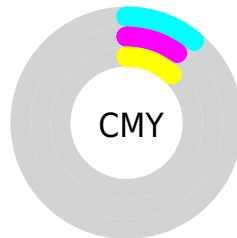
- Red (89%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2885, 77.8058, 82.3895 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 73.2885, 77.8058, 82.3895 by changing the saturation by 10% instead.

■ 73.2885, 77.8058,
82.3895

■ 73.2885, 77.8058,
82.3895

461.1024,
487.5070, 522.8672

■ 54.5011, 57.9145,
61.1490

122.8876,
130.2763, 138.5617

■ 39.2347, 41.7399,
43.9141

154.4301,
163.6243, 174.3304

■ 27.1239, 28.8977,
30.2663

190.9549,
202.2266, 215.7788

■ 17.8034, 19.0034,
19.7870

232.8275,
246.4677, 263.3257

■ 10.9077, 11.6728,
12.0578

280.4132,
296.7318, 317.3894

■ 6.0717, 6.5213,
6.6600

334.0773,

■ 2.9298, 3.1646,

353.4035, 378.3885

3.1752

394.1853,
416.8671, 446.7416

■ 1.1167, 1.2182,
1.1848

■ 0.0391, 0.0765,
0.0000

■ 73.2885, 77.8058,
82.3895

■ 73.2885, 77.8058,
82.3895

■ 66.8764, 74.8395,
66.8606

■ 80.3648, 81.0705,
100.1399

■ 61.1006, 72.1527,
53.4608

■ 85.4688, 83.5721,
106.2341

■ 55.9411, 69.7389,
42.0984

■ 87.3108, 84.5217,
106.3203

■ 51.3737, 67.5883,
32.6734

■ 47.3729, 65.6898,
25.0773

■ 43.9108, 64.0317,
19.1905

■ 40.9566, 62.6011,
14.8798

■ 38.4754, 61.3833,
11.9918

■ 36.4264, 60.3614,
10.3425

Harmonies

Analogous

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



73.7860, 77.8058, 81.7645



73.2885, 77.8058, 82.3895



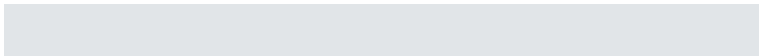
72.9699, 77.8058, 83.6403

Triad

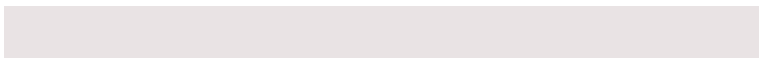
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2885, 77.8058, 82.3895



73.5751, 77.8058, 87.5743



75.0002, 77.8058, 84.2421

Complementary

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



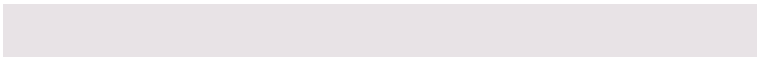
73.2885, 77.8058, 82.3895



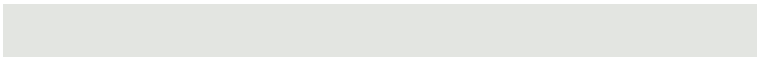
72.7497, 75.8406, 84.9372

Split Complementary

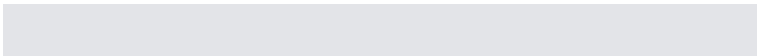
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9431, 77.8058, 85.8035



73.2885, 77.8058, 82.3895



74.1184, 77.8058, 87.7403

Square

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



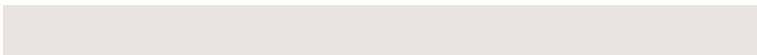
73.2885, 77.8058, 82.3895



73.1348, 77.8058, 86.6378



74.6197, 77.8058, 87.0885



74.7755, 77.8058, 82.8254

Rectangle

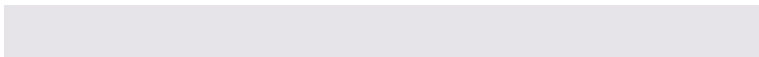
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



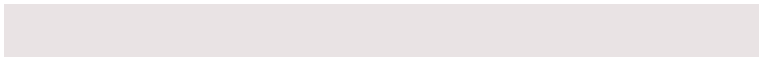
73.2885, 77.8058, 82.3895



72.9008, 77.8058, 84.6673



74.6197, 77.8058, 87.0885



75.0134, 77.8058, 84.7673

Sweetspot

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



73.2907, 77.8091, 82.3912



94.1741, 99.5956, 106.7302



73.3758, 77.0354, 82.2374



20.1664, 21.3218, 22.8675



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.



73.2907, 77.8091, 82.3912



93.3067, 99.1949, 104.5890



72.6635, 77.4858, 82.3618



15.9400, 16.9353, 17.8911



20.1547, 34.1716, 5.5335



1.5965, 2.5804, 0.4139

Inverse Universe

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



72.7497, 75.8406, 84.9372



92.5136, 96.3092, 108.3213



73.3842, 76.1677, 84.9669



15.8126, 16.4720, 18.4903



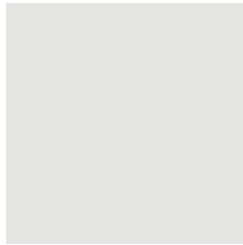
12.2392, 5.3755, 42.7757



1.0116, 0.4525, 3.1660

Previews

White Background



This preview shows how the XYZ color 73.2885, 77.8058, 82.3895 looks on a white background.

Color Contrast Check

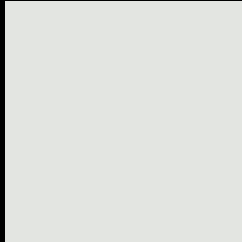
Large Text (above 18pt) WCAG AA × Fail

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 73.2885, 77.8058, 82.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

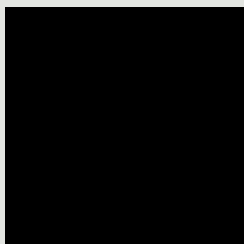
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

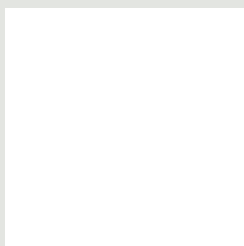
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2885, 77.8058, 82.3895

Background



This preview shows how black text looks on a background with the XYZ color 73.2885, 77.8058, 82.3895.



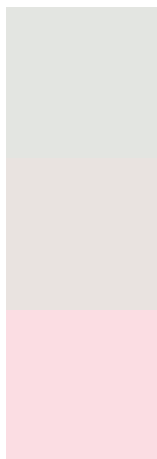
This preview shows how white text looks on a background with the XYZ color 73.2885, 77.8058,

82.3895.

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

73.2885, 77.8058, 82.3895

Protanopia

74.5279, 77.6436, 81.5797

Deuteranopia

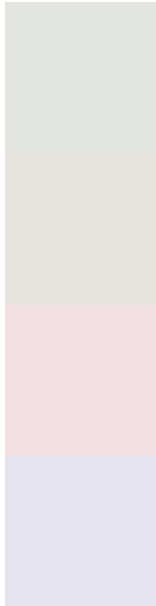
79.5052, 77.7682, 83.4934



Tritanopia

76.1586, 77.7474, 96.5807

Trichromacy



Original Color

73.2885, 77.8058, 82.3895

Protanomaly

74.1529, 77.8575, 81.6407

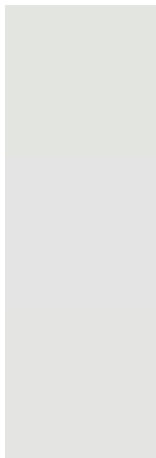
Deuteranomaly

77.0011, 77.6795, 82.8868

Tritanomaly

75.0682, 77.7106, 91.1639

Monochromacy



Original Color

73.2885, 77.8058, 82.3895

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.6034, 77.5268, 83.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2885, 77.8058, 82.3895 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, 225) looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 225) }
```

Border

The CSS property to change the border of an element to XYZ 73.2885, 77.8058, 82.3895 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, 225) }
```


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

```
.border{ border-color:rgb(227, 229, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2885, 77.8058, 82.3895 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, 225) }
```

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

```
.background{ background-color: rgb(227,  
229, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor