

Converting Colors

XYZ(73.2993, 76.3034, 83.0814)

Have a look what the booklet for
XYZ(73.2993, 76.3034, 83.0814)
contains.

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Color

**XYZ(73.2858, 76.1644,
82.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E2
RGB	230, 225, 226
RGB Percent	90%, 88%, 89%
CMY	0.0980, 0.1176, 0.1137
CMYK	0.00, 0.02, 0.02, 0.10
HSL	348°, 9%, 89%
HSV	348°, 2%, 90%
XYZ	73.2858, 76.1644, 82.7901
YIQ	226.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

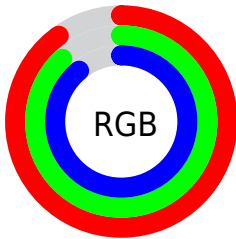
Format	Color
R_{YB}	230, 225, 226
Decimal	15131106
CIE _{Lab}	89.94, 1.87, 0.10
CIE _{LCh}	90, 1.874, 3.145
Yxy	76.1644, 0.3156, 0.3280
Android (android.graphics.Color)	4293321186 (0xFFE6E1E2)
YUV	226.6090, -0.3002, 2.9739
Hunter-Lab	87.2722, -2.8331, 4.8456

Details

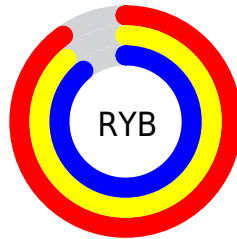
The XYZ color **73.2858, 76.1644, 82.7901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4939, 78.2603, 85.3649**, and the grayscale version is **72.7323, 76.5201, 83.3304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4046, 40.8037, 44.3271** is the 20% darker color. If you saturate the color by 10%, you get **65.0898, 63.6006, 68.2540**, and if you desaturate by 10%, it is **82.5951, 90.5184, 99.0381**.

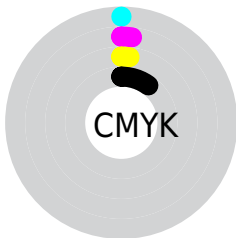
Distribution



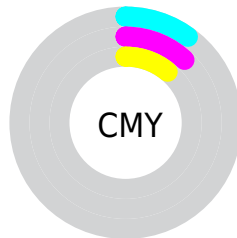
- Red (90%)
- Green (88%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2858, 76.1644, 82.7901 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 73.2858, 76.1644, 82.7901 by changing the saturation by 10% instead.

■ 73.2858, 76.1644,
82.7901

■ 73.2858, 76.1644,
82.7901

461.0932,
481.9103, 524.2394

■ 54.4989, 56.5673,
61.4774

122.8838,
127.9593, 139.1280

■ 39.2329, 40.6580,
44.1775

154.4256,
160.9259, 174.9904

■ 27.1225, 28.0519,
30.4719

190.9498,
199.1177, 216.5397

■ 17.8023, 18.3648,
19.9419

232.8216,
242.9193, 264.1944

■ 10.9070, 11.2122,
12.1692

280.4066,
292.7149, 318.3733

■ 6.0711, 6.2098,
6.7351

334.0699,

■ 2.9295, 2.9730,

348.8890, 379.4947

3.2210

394.1770,
411.8260, 447.9772

■ 1.1166, 1.1177,
1.2086

■ 0.0389, 0.0000,
0.0000

■ 73.2858, 76.1644,
82.7901

■ 73.2858, 76.1644,
82.7901

■ 65.0898, 63.6006,
68.2540

■ 82.5951, 90.5184,
99.0381

■ 57.9588, 52.7471,
55.3688

■ 86.4436, 95.5632,
108.4972

■ 51.8505, 43.5329,
44.0771

■ 46.7175, 35.8779,
34.3163

■ 42.5081, 29.6954,
26.0196

■ 39.1664, 24.8900,
19.1153

■ 36.6296, 21.3555,
13.5251

■ 34.8265, 18.9693,
9.1631

■ 33.6728, 17.5851,
5.9321

Harmonies

Analogous

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



73.1903, 76.1644, 84.0888



73.2858, 76.1644, 82.7901



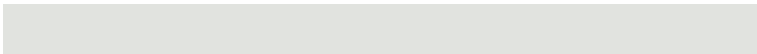
73.1410, 76.1644, 81.5419

Triad

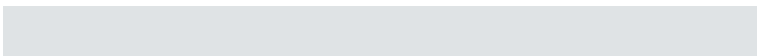
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2858, 76.1644, 82.7901



71.9056, 76.1644, 80.8106



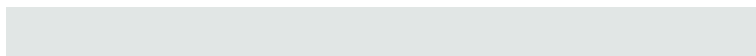
71.9900, 76.1644, 85.2289

Complementary

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



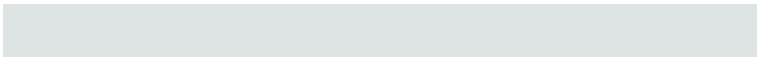
73.2858, 76.1644, 82.7901



73.4939, 78.2603, 85.3649

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.



71.6481, 76.1644, 84.3339



73.2858, 76.1644, 82.7901



71.5995, 76.1644, 81.7820

Square

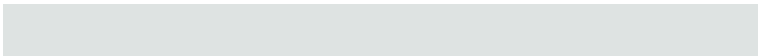
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



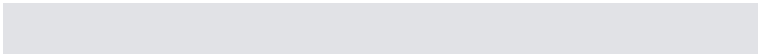
73.2858, 76.1644, 82.7901



72.3431, 76.1644, 80.4067



71.5055, 76.1644, 83.0702



72.4409, 76.1644, 85.5057

Rectangle

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



73.2858, 76.1644, 82.7901



72.9280, 76.1644, 80.9038



71.5055, 76.1644, 83.0702



71.8586, 76.1644, 84.9899

Sweetspot

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



73.2880, 76.1677, 82.7918



93.9149, 98.2530, 106.9086



73.5236, 76.2250, 85.7017



20.1136, 21.0486, 22.9039



0.0000, 0.0000, 0.0000



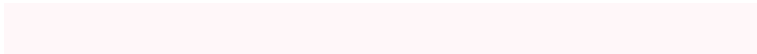
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2880, 76.1677, 82.7918



91.6873, 94.8276, 102.9916



73.5586, 76.9271, 82.2095



15.5040, 15.9637, 17.3248



18.7872, 9.6491, 2.5085



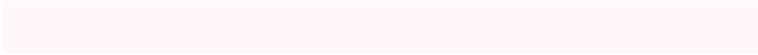
1.4209, 0.7261, 0.3572

Inverse Universe

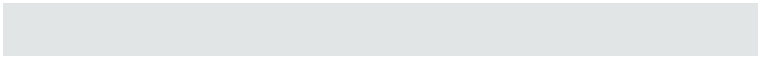
The Inverse Universe completely reimagines the original color for something new.



73.2880, 76.1677, 82.7918



91.6873, 94.8276, 102.9916



73.2181, 77.4855, 85.9611



15.5040, 15.9637, 17.3248



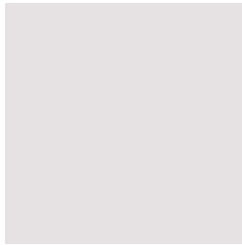
18.7872, 9.6491, 2.5085



1.4209, 0.7261, 0.3572

Previews

White Background



This preview shows how the XYZ color 73.2858, 76.1644, 82.7901 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 73.2858, 76.1644, 82.7901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

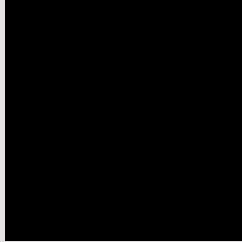
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

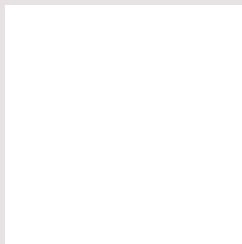
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2858, 76.1644, 82.7901

Background



This preview shows how black text looks on a background with the XYZ color 73.2858, 76.1644, 82.7901.

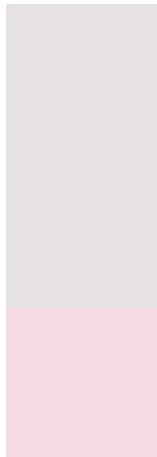


This preview shows how white text looks on a background with the XYZ color 73.2858, 76.1644,

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

73.2858, 76.1644, 82.7901

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

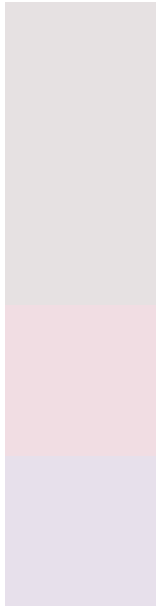
77.5544, 75.9832, 83.2517



Tritanopia

75.3946, 76.2224, 93.1768

Trichromacy



Original Color

73.2858, 76.1644, 82.7901

Protanomaly

73.2858, 76.1644, 82.7901

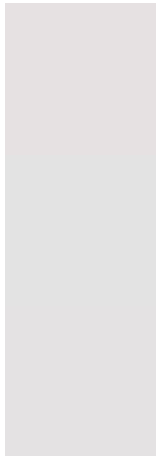
Deuteranomaly

75.9972, 75.9597, 83.3293

Tritanomaly

74.6060, 76.2984, 89.3922

Monochromacy



Original Color

73.2858, 76.1644, 82.7901

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.0564, 76.4327, 83.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2858, 76.1644, 82.7901 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(230, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 226)  
}
```

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(230, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.2858, 76.1644, 82.7901 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(230, 225, 226) }
```


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

```
.border{ border-color:rgb(230, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2858, 76.1644, 82.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 226) }
```

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

```
.background{ background-color: rgb(230,  
225, 226) }
```

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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