

Converting Colors

XYZ(70.3391, 73.5990, 83.1356)

Have a look what the booklet for
XYZ(70.3391, 73.5990, 83.1356)
contains.

XYZ(70.1106, 73.3182, 83.1296)	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(70.1106, 73.3182,
83.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDEE3
RGB	222, 222, 227
RGB Percent	87%, 87%, 89%
CMY	0.1294, 0.1294, 0.1098
CMYK	0.02, 0.02, 0.00, 0.11
HSL	240°, 8%, 88%
HSV	240°, 2%, 89%
XYZ	70.1106, 73.3182, 83.1296
YIQ	222.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

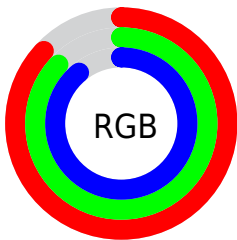
Format	Color
RYB	222, 222, 227
Decimal	14606051
CIELab	88.60, 0.91, -2.45
CIELCh	89, 2.615, 290.419
Yxy	73.3182, 0.3095, 0.3236
Android (android.graphics.Color)	4292796131 (0xFFDEDEE3)
YUV	222.5700, 2.1840, -0.4999
Hunter-Lab	85.6260, -3.6898, 2.3768

Details

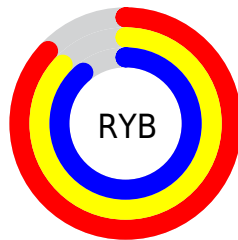
The XYZ color **70.1106, 73.3182, 83.1296** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3325, 76.5421, 80.0701**, and the grayscale version is **69.8219, 73.4581, 79.9958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2015, 38.8315, 44.5642** is the 20% darker color. If you saturate the color by 10%, you get **57.9962, 58.7247, 80.9524**, and if you desaturate by 10%, it is **83.9758, 90.0216, 85.6240**.

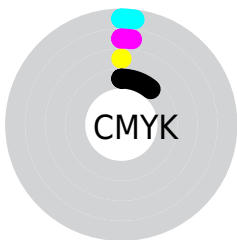
Distribution



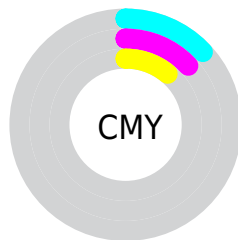
- Red (87%)
- Green (87%)
- Blue (89%)



- Red (87%)
- Yellow (87%)
- Blue (89%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1106, 73.3182, 83.1296 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 70.1106, 73.3182, 83.1296 by changing the saturation by 10% instead.

■ 70.1106, 73.3182,
83.1296

■ 70.1106, 73.3182,
83.1296

450.1986,
472.1169, 525.4007

■ 51.8966, 54.2362,
61.7558

118.3919,
123.9288, 139.6078

■ 37.1466, 38.7905,
44.4009

149.1899,
156.2262, 175.5494

■ 25.4952, 26.5968,
30.6463

184.9133,
193.6976, 217.1839

■ 16.5771, 17.2706,
20.0735

225.9274,
236.7272, 264.9300

■ 10.0269, 10.4276,
12.2639

272.5977,
285.6996, 319.2062

■ 5.4792, 5.6834,
6.7989

325.2894,

■ 2.5687, 2.6535,

340.9991, 380.4310

3.2601

384.3679,
403.0100, 449.0230

■ 0.9300, 0.9537,
1.2289

■ 0.0000, 0.0000,
0.0025

■ 70.1106, 73.3182,
83.1296

■ 70.1106, 73.3182,
83.1296

■ 57.9962, 58.7247,
80.9524

■ 83.9758, 90.0216,
85.6240

■ 47.5569, 46.1482,
79.0751

■ 90.8653, 98.3261,
86.8638

■ 38.7211, 35.5029,
77.4860

■ 31.4094, 26.6932,
76.1710

■ 25.5356, 19.6154,
75.1144

■ 21.0050, 14.1555,
74.2993

■ 17.7115, 10.1858,
73.7067

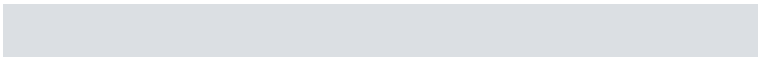
■ 15.5331, 7.5594,
73.3145

■ 14.3232, 6.0998,
73.0966

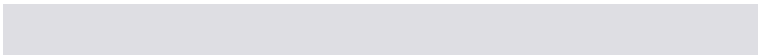
Harmonies

Analogous

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



69.4851, 73.3182, 83.3041



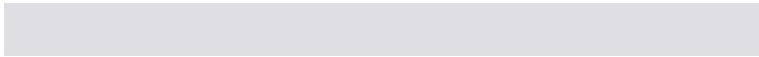
70.1106, 73.3182, 83.1296



70.6254, 73.3182, 82.0640

Triad

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



70.1106, 73.3182, 83.1296



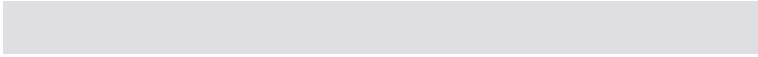
70.4621, 73.3182, 77.1847



68.4981, 73.3182, 79.2545

Complementary

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



70.1106, 73.3182, 83.1296



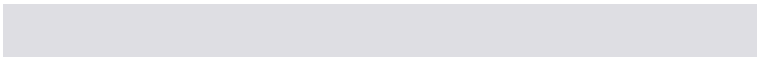
72.3325, 76.5421, 80.0701

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.



68.7565, 73.3182, 77.6390



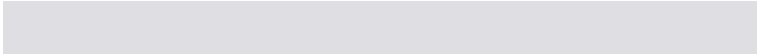
70.1106, 73.3182, 83.1296



69.8887, 73.3182, 76.4559

Square

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



70.1106, 73.3182, 83.1296



70.8292, 73.3182, 78.6257



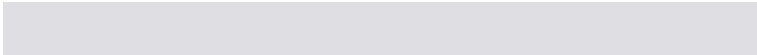
69.2646, 73.3182, 76.6209



68.5567, 73.3182, 81.0486

Rectangle

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



70.1106, 73.3182, 83.1296



70.8353, 73.3182, 81.0004



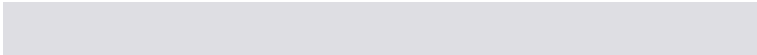
69.2646, 73.3182, 76.6209



68.5507, 73.3182, 78.6730

Sweetspot

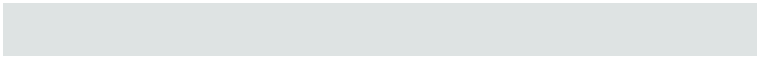
The Sweet Spot groups the original color and five complimentary colors.



70.1127, 73.3213, 83.1312



93.3105, 97.9045, 108.5872



71.4480, 76.0103, 83.5196



19.9906, 20.9777, 23.2454



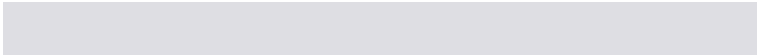
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

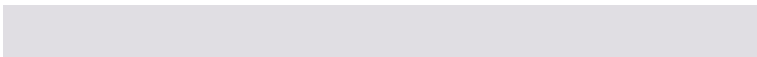
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1127, 73.3213, 83.1312



89.9010, 93.7971, 107.9741



70.8573, 73.7037, 83.1658



15.1241, 15.7445, 18.3862



8.0876, 3.2373, 42.5818



0.5979, 0.2398, 3.1467

Inverse Universe

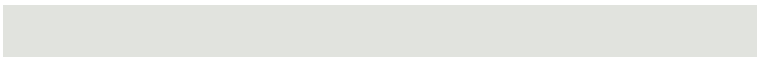
The Inverse Universe completely reimagines the original color for something new.



70.9862, 73.8487, 79.6238



91.4514, 94.7332, 101.7490



71.5766, 76.1539, 80.0350



15.4540, 15.9437, 17.0615



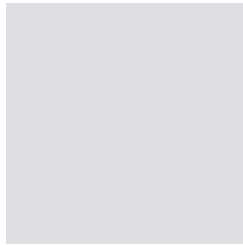
18.4758, 9.5245, 0.8684



1.3654, 0.7039, 0.0650

Previews

White Background



This preview shows how the XYZ color 70.1106, 73.3182, 83.1296 looks on a white background.

Color Contrast Check

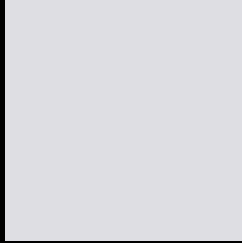
Large Text (above 18pt) WCAG AA × Fail

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 70.1106, 73.3182, 83.1296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

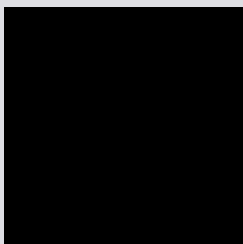
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

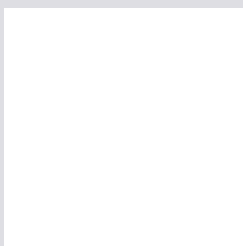
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1106, 73.3182, 83.1296

Background



This preview shows how black text looks on a background with the XYZ color 70.1106, 73.3182, 83.1296.

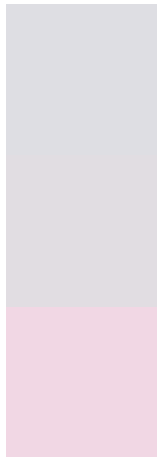


This preview shows how white text looks on a background with the XYZ color 70.1106, 73.3182,

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

70.1106, 73.3182, 83.1296

Protanopia

70.6353, 73.2114, 82.3598

Deuteranopia

74.5797, 72.9031, 83.5397



Tritanopia

71.7663, 73.2067, 91.2367

Trichromacy



Original Color

70.1106, 73.3182, 83.1296

Protanomaly

70.3244, 73.0512, 82.3453

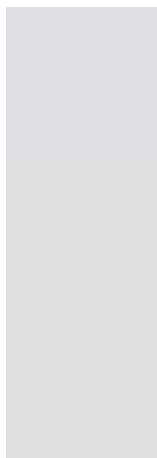
Deuteranomaly

73.0067, 73.2367, 83.6870

Tritanomaly

71.1392, 73.3414, 88.2488

Monochromacy



Original Color

70.1106, 73.3182, 83.1296

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2736, 73.8451, 81.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1106, 73.3182, 83.1296 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(222, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 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(222, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.1106, 73.3182, 83.1296 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(222, 222, 227) }
```


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

```
.border{ border-color:rgb(222, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1106, 73.3182, 83.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 227) }
```

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

```
.background{ background-color: rgb(222,  
222, 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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