

Converting Colors

XYZ(70.7972, 75.4284, 82.7669)

Have a look what the booklet for
XYZ(70.7972, 75.4284, 82.7669)
contains.

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Color

**XYZ(70.7426, 75.2559,
82.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE2E2
RGB	221, 226, 226
RGB Percent	87%, 89%, 89%
CMY	0.1333, 0.1137, 0.1137
CMYK	0.02, 0.00, 0.00, 0.11
HSL	180°, 8%, 88%
HSV	180°, 2%, 89%
XYZ	70.7426, 75.2559, 82.7488
YIQ	224.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

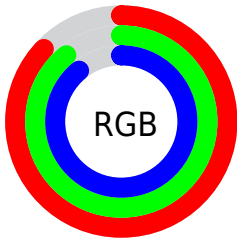
Format	Color
R _Y B	221, 224, 226
Decimal	14541538
CIE Lab	89.51, -1.67, -0.60
CIE LCh	90, 1.775, 199.620
Yxy	75.2559, 0.3093, 0.3290
Android (android.graphics.Color)	4292731618 (0xFFDDE2E2)
YUV	224.5050, 0.7370, -3.0739
Hunter-Lab	86.7502, -6.2505, 4.1699

Details

The XYZ color **70.7426, 75.2559, 82.7488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2744, 73.1040, 78.8169**, and the grayscale version is **71.2111, 74.9196, 81.5875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6395, 40.1731, 44.2984** is the 20% darker color. If you saturate the color by 10%, you get **64.3176, 71.9461, 82.4371**, and if you desaturate by 10%, it is **78.0982, 79.0497, 83.1071**.

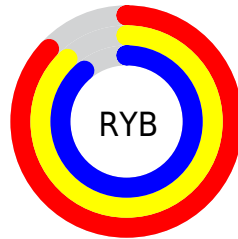
Distribution



Red (87%)

Green (89%)

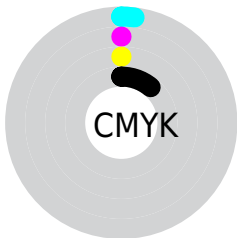
Blue (89%)



Red (87%)

Yellow (88%)

Blue (89%)

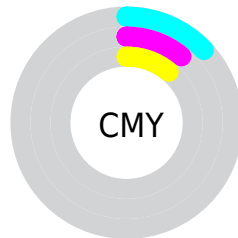


Cyan (2%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7426, 75.2559, 82.7488 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 70.7426, 75.2559, 82.7488 by changing the saturation by 10% instead.

■ 70.7426, 75.2559,
82.7488

■ 70.7426, 75.2559,
82.7488

452.3790,
478.7967, 524.0980

■ 52.4139, 55.8226,
61.4435

119.2877,
126.6745, 139.0697

■ 37.5607, 40.0607,
44.1503

150.2348,
159.4286, 174.9223

■ 25.8176, 27.5859,
30.4507

186.1187,
197.3917, 216.4613

■ 16.8192, 18.0137,
19.9259

227.3049,
240.9483, 264.1049

■ 10.2002, 10.9598,
12.1577

274.1587,
290.4827, 318.2719

■ 5.5952, 6.0398,
6.7273

327.0454,

■ 2.6388, 2.8693,

346.3792, 379.3807

3.2163

386.3304,
409.0225, 447.8499

■ 0.9658, 1.0639,
1.2061

■ 0.0000, 0.0000,
0.0000

■ 70.7426, 75.2559,
82.7488

■ 70.7426, 75.2559,
82.7488

■ 64.3176, 71.9461,
82.4371

■ 78.0982, 79.0497,
83.1071

■ 58.7801, 69.0917,
82.1654

■ 82.1703, 81.1487,
83.3102

■ 54.0929, 66.6756,
81.9336

■ 82.1727, 81.1496,
83.3229

■ 50.2140, 64.6763,
81.7395

■ 82.1751, 81.1506,
83.3355

47.0977, 63.0700,
81.5811

82.1775, 81.1515,
83.3482

44.6937, 61.8310,
81.4561

82.1799, 81.1525,
83.3608

42.9457, 60.9301,
81.3618

82.1823, 81.1535,
83.3735

41.7891, 60.3341,
81.2951

82.1847, 81.1544,
83.3862

41.1459, 60.0028,
81.2525

82.1871, 81.1554,
83.3988

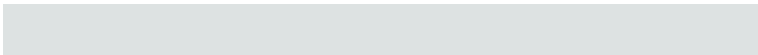
Harmonies

Analogous

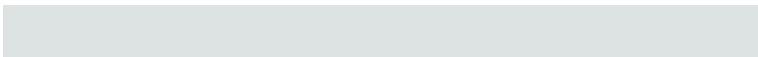
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7079, 75.2559, 81.5095



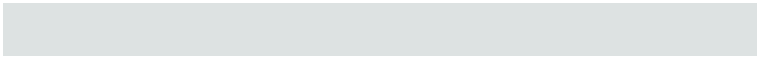
70.7426, 75.2559, 82.7488



70.9873, 75.2559, 83.7814

Triad

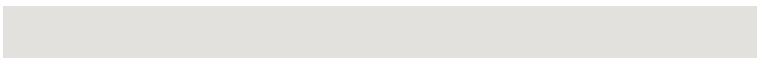
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7426, 75.2559, 82.7488



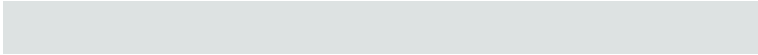
72.1683, 75.2559, 83.5044



71.6795, 75.2559, 79.6045

Complementary

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



70.7426, 75.2559, 82.7488



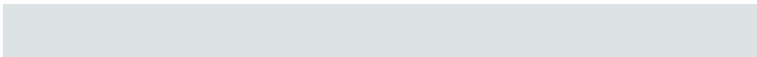
70.2744, 73.1040, 78.8169

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.



72.0724, 75.2559, 80.1275



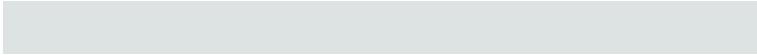
70.7426, 75.2559, 82.7488



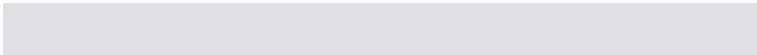
72.3553, 75.2559, 82.3737

Square

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



70.7426, 75.2559, 82.7488



71.8100, 75.2559, 84.2207



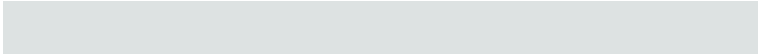
72.3201, 75.2559, 81.1382



71.2477, 75.2559, 79.7026

Rectangle

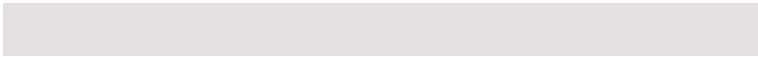
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7426, 75.2559, 82.7488



71.2373, 75.2559, 84.2096



72.3201, 75.2559, 81.1382



71.8205, 75.2559, 79.7133

Sweetspot

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



70.7447, 75.2591, 82.7504



94.1177, 99.5194, 108.8547



70.0938, 75.0017, 79.1900



20.1549, 21.3063, 23.2999



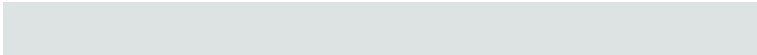
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

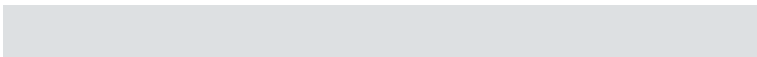
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7447, 75.2591, 82.7504



92.2904, 98.5775, 108.7659



70.0922, 73.9531, 82.5355



14.9012, 15.9769, 17.6851



23.3336, 34.1583, 46.3411



1.6175, 2.3677, 3.2129

Inverse Universe

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



70.2744, 73.1040, 78.8169



91.4514, 94.7332, 101.7493



70.9171, 74.3902, 79.0286



14.7315, 15.1990, 16.2654



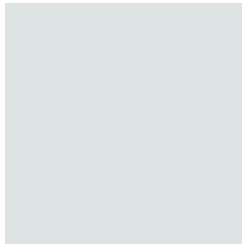
17.8939, 9.2246, 0.8413



1.2405, 0.6395, 0.0591

Previews

White Background



This preview shows how the XYZ color 70.7426, 75.2559, 82.7488 looks on a white background.

Color Contrast Check

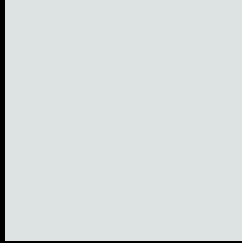
Large Text (above 18pt) WCAG AA × Fail

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 70.7426, 75.2559, 82.7488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

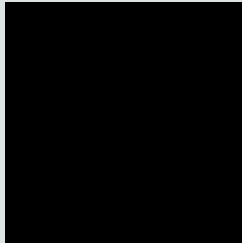
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

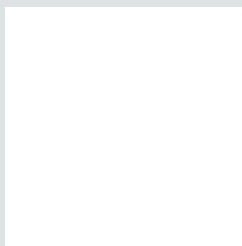
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7426, 75.2559, 82.7488

Background



This preview shows how black text looks on a background with the XYZ color 70.7426, 75.2559, 82.7488.

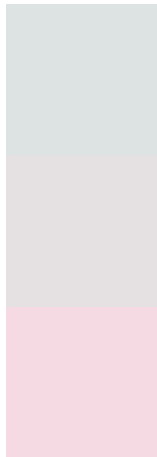


This preview shows how white text looks on a background with the XYZ color 70.7426, 75.2559,

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

70.7426, 75.2559, 82.7488

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

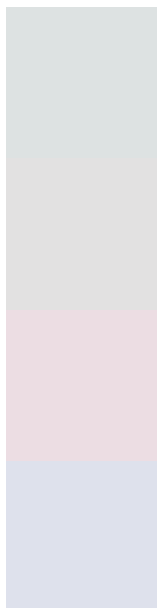
76.7312, 75.1567, 83.8613



Tritanopia

72.9643, 75.3502, 93.9175

Trichromacy



Original Color

70.7426, 75.2559, 82.7488

Protanomaly

71.8799, 75.4554, 82.0100

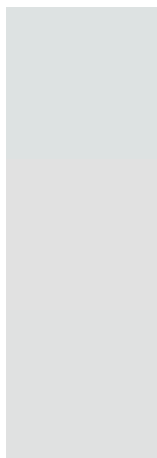
Deuteranomaly

74.3137, 75.0918, 83.2505

Tritanomaly

72.1897, 75.4362, 90.1127

Monochromacy



Original Color

70.7426, 75.2559, 82.7488

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2563, 75.1340, 81.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7426, 75.2559, 82.7488 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(221, 226, 226) looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 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(221, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.7426, 75.2559, 82.7488 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(221, 226, 226) }
```


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

```
.border{ border-color:rgb(221, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7426, 75.2559, 82.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 226) }
```

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

```
.background{ background-color: rgb(221,  
226, 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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