

Converting Colors

XYZ(70.3296, 75.0257, 82.0247)

Have a look what the booklet for
XYZ(70.3296, 75.0257, 82.0247)
contains.

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Color

**XYZ(70.3022, 75.0446,
82.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2E1
RGB	220, 226, 225
RGB Percent	86%, 89%, 88%
CMY	0.1372, 0.1137, 0.1176
CMYK	0.03, 0.00, 0.00, 0.11
HSL	170°, 9%, 87%
HSV	170°, 3%, 89%
XYZ	70.3022, 75.0446, 82.0139
YIQ	224.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

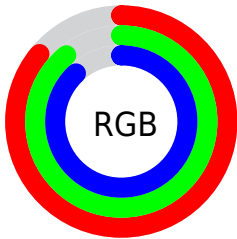
Format	Color
R _Y B	220, 223, 226
Decimal	14476001
CIE Lab	89.41, -2.19, -0.22
CIE LCh	89, 2.199, 185.857
Yxy	75.0446, 0.3092, 0.3301
Android (android.graphics.Color)	4292666081 (0xFFDCE2E1)
YUV	224.0920, 0.4476, -3.5887
Hunter-Lab	86.6283, -6.7399, 4.5080

Details

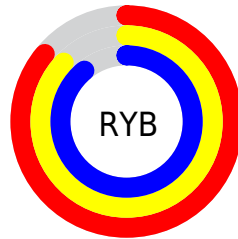
The XYZ color **70.3022, 75.0446, 82.0139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0112, 72.5777, 78.7293**, and the grayscale version is **70.9177, 74.6109, 81.2513**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3357, 40.0274, 43.7885** is the 20% darker color. If you saturate the color by 10%, you get **63.4099, 71.5525, 79.0317**, and if you desaturate by 10%, it is **78.1349, 79.0244, 85.1028**.

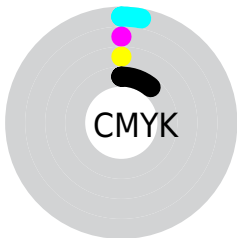
Distribution



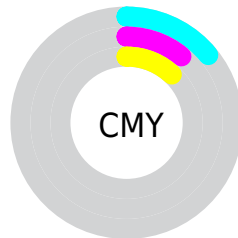
- Red (86%)
- Green (89%)
- Blue (88%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3022, 75.0446, 82.0139 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 70.3022, 75.0446, 82.0139 by changing the saturation by 10% instead.

■ 70.3022, 75.0446,
82.0139

■ 70.3022, 75.0446,
82.0139

450.8603,
478.0709, 521.5789

■ 52.0534, 55.6494,
60.8411

118.6635,
126.3755, 138.0303

■ 37.2721, 39.9219,
43.6672

149.5068,
159.0800, 173.7111

■ 25.5929, 27.4777,
30.0737

185.2789,
196.9898, 215.0649

■ 16.6504, 17.9323,
19.6420

226.3453,
240.4891, 262.5103

■ 10.0793, 10.9014,
11.9536

273.0713,
289.9625, 316.4659

■ 5.5142, 6.0006,
6.5899

325.8222,

■ 2.5899, 2.8454,

345.7944, 377.3501

3.1325

384.9634,
408.3690, 445.5816

■ 0.9408, 1.0516,
1.1627

■ 0.0000, 0.0000,
0.0000

■ 70.3022, 75.0446,
82.0139

■ 70.3022, 75.0446,
82.0139

■ 63.4099, 71.5525,
79.0317

■ 78.1349, 79.0244,
85.1028

■ 57.4146, 68.5194,
76.1490


■ 83.0827, 81.5135,
88.1150


■ 52.2792, 65.9283,
73.3654

■ 83.6270, 81.7313,
90.9815


■ 47.9614, 63.7574,
70.6785


■ 84.1830, 81.9537,
93.9092


 44.4151, 61.9829,
68.0857


 84.7507, 82.1807,
96.8984

 41.5897, 60.5788,
65.5843


 85.3301, 82.4125,
99.9496

 39.4288, 59.5160,
63.1711

 85.9213, 82.6490,
103.0631

 37.8669, 58.7607,
60.8428

 86.4878, 82.8756,
106.0459

 36.8255, 58.2725,
58.5953

Harmonies

Analogous

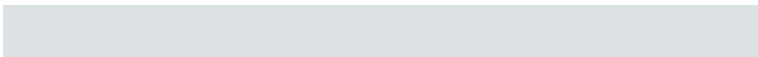
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3866, 75.0446, 80.5035



70.3022, 75.0446, 82.0139



70.4914, 75.0446, 83.4608

Triad

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



70.3022, 75.0446, 82.0139



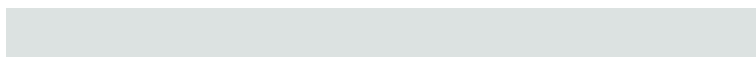
71.9361, 75.0446, 84.1387



71.7521, 75.0446, 79.0336

Complementary

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



70.3022, 75.0446, 82.0139



70.0112, 72.5777, 78.7293

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.



72.1704, 75.0446, 79.9855



70.3022, 75.0446, 82.0139



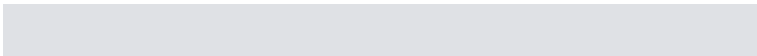
72.2770, 75.0446, 82.9302

Square

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



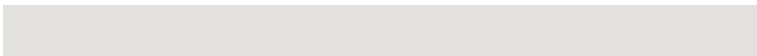
70.3022, 75.0446, 82.0139



71.4334, 75.0446, 84.6975



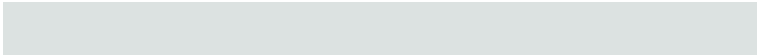
72.3630, 75.0446, 81.4085



71.2220, 75.0446, 78.7952

Rectangle

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



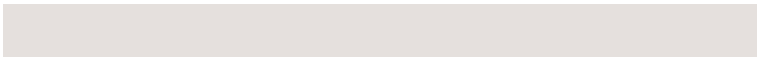
70.3022, 75.0446, 82.0139



70.7479, 75.0446, 84.1906



72.3630, 75.0446, 81.4085



71.9106, 75.0446, 79.2802

Sweetspot

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



70.3043, 75.0478, 82.0155



94.0495, 99.4921, 108.4953



69.9663, 74.9512, 78.4908



20.1410, 21.3008, 23.2267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

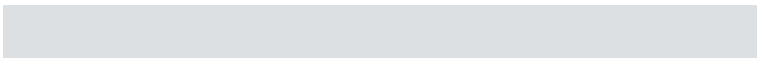
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3043, 75.0478, 82.0155



92.0861, 98.4958, 107.6901



69.9276, 74.0745, 82.5675



14.8597, 15.9603, 17.4665



20.7456, 33.1231, 32.7129



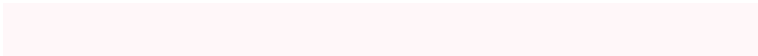
1.4644, 2.3065, 2.4069

Inverse Universe

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



70.0112, 72.5777, 78.7293



91.6489, 94.8122, 102.7895



70.3796, 73.5280, 78.1943



14.7713, 15.2149, 16.4749



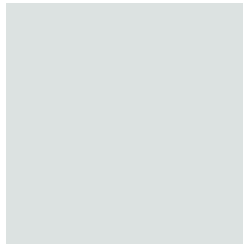
18.1201, 9.3151, 2.0324



1.2846, 0.6571, 0.2917

Previews

White Background



This preview shows how the XYZ color 70.3022, 75.0446, 82.0139 looks on a white background.

Color Contrast Check

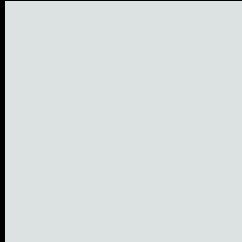
Large Text (above 18pt) WCAG AA × Fail

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 70.3022, 75.0446, 82.0139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

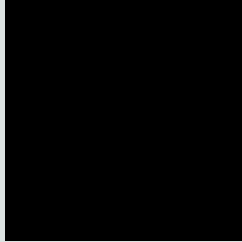
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

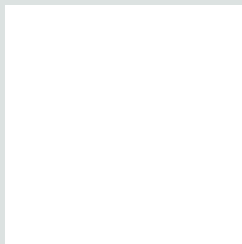
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3022, 75.0446, 82.0139

Background



This preview shows how black text looks on a background with the XYZ color 70.3022, 75.0446, 82.0139.

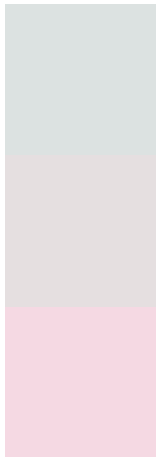


This preview shows how white text looks on a background with the XYZ color 70.3022, 75.0446,

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

70.3022, 75.0446, 82.0139

Protanopia

72.1553, 74.8152, 81.1588

Deuteranopia

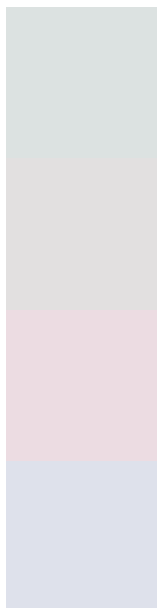
76.3342, 74.5842, 83.0460



Tritanopia

72.9643, 75.3502, 93.9175

Trichromacy



Original Color

70.3022, 75.0446, 82.0139

Protanomaly

71.4742, 74.8619, 81.2037

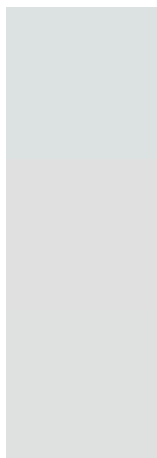
Deuteranomaly

73.9127, 74.5103, 82.4378

Tritanomaly

72.0448, 75.3782, 89.3495

Monochromacy



Original Color

70.3022, 75.0446, 82.0139

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8112, 74.9202, 81.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3022, 75.0446, 82.0139 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(220, 226, 225) looks like.

```
.text, #text, p{  
    color:rgb(220, 226, 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(220, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.3022, 75.0446, 82.0139 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(220, 226, 225) }
```


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

```
.border{ border-color:rgb(220, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3022, 75.0446, 82.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 225) }
```

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

```
.background{ background-color: rgb(220,  
226, 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](#).

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