

Converting Colors

XYZ(70.3378, 74.8960, 82.7018)

Have a look what the booklet for
XYZ(70.3378, 74.8960, 82.7018)
contains.

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Color

**XYZ(70.4390, 75.0993,
82.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE2E2
RGB	220, 226, 226
RGB Percent	86%, 89%, 89%
CMY	0.1372, 0.1137, 0.1137
CMYK	0.03, 0.00, 0.00, 0.11
HSL	180°, 9%, 87%
HSV	180°, 3%, 89%
XYZ	70.4390, 75.0993, 82.7346
YIQ	224.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

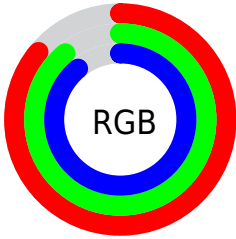
Format	Color
R _Y B	220, 223, 226
Decimal	14476002
CIE Lab	89.44, -2.01, -0.71
CIE LCh	89, 2.128, 199.543
Yxy	75.0993, 0.3086, 0.3290
Android (android.graphics.Color)	4292666082 (0xFFDCE2E2)
YUV	224.2060, 0.8844, -3.6887
Hunter-Lab	86.6599, -6.5661, 4.0574

Details

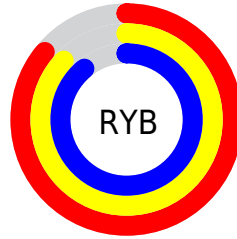
The XYZ color **70.4390, 75.0993, 82.7346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8782, 72.5244, 78.0294**, and the grayscale version is **70.9963, 74.6936, 81.3414**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4306, 40.0654, 44.2887** is the 20% darker color. If you saturate the color by 10%, you get **64.0547, 71.8104, 82.4277**, and if you desaturate by 10%, it is **77.7523, 78.8713, 83.0881**.

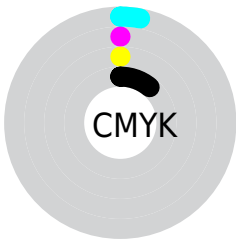
Distribution



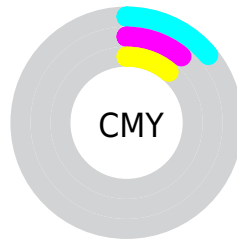
- Red (86%)
- Green (89%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4390, 75.0993, 82.7346 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 70.4390, 75.0993, 82.7346 by changing the saturation by 10% instead.

■ 70.4390, 75.0993,
82.7346

■ 70.4390, 75.0993,
82.7346

451.3323,
478.2588, 524.0494

■ 52.1654, 55.6942,
61.4319

118.8574,
126.4529, 139.0496

■ 37.3617, 39.9578,
44.1410

149.7330,
159.1703, 174.8990

■ 25.6626, 27.5057,
30.4434

185.5399,
197.0938, 216.4343

■ 16.7028, 17.9534,
19.9205

226.6435,
240.6080, 264.0741

■ 10.1168, 10.9165,
12.1537

273.4092,
290.0972, 318.2370

■ 5.5393, 6.0107,
6.7247

326.2024,

■ 2.6050, 2.8516,

345.9458, 379.3415

3.2147

385.3883,
408.5382, 447.8061

■ 0.9485, 1.0548,
1.2053

■ 0.0000, 0.0000,
0.0000

■ 70.4390, 75.0993,
82.7346

■ 70.4390, 75.0993,
82.7346

■ 64.0547, 71.8104,
82.4277

■ 77.7523, 78.8713,
83.0881

■ 58.5562, 68.9760,
82.1606

■ 82.1692, 81.1481,
83.3045

■ 53.9062, 66.5791,
81.9333

■ 82.1710, 81.1488,
83.3143

■ 50.0626, 64.5979,
81.7437

■ 82.1729, 81.1496,
83.3241

■ 46.9794, 63.0086,
81.5897

■ 82.1748, 81.1503,
83.3339

■ 44.6062, 61.7854,
81.4689

■ 82.1766, 81.1511,
83.3437

■ 42.8864, 60.8990,
81.3787

■ 82.1785, 81.1518,
83.3535

■ 41.7548, 60.3159,
81.3161

■ 82.1803, 81.1526,
83.3633

■ 41.1327, 59.9954,
81.2773

■ 82.1822, 81.1533,
83.3732

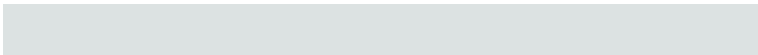
Harmonies

Analogous

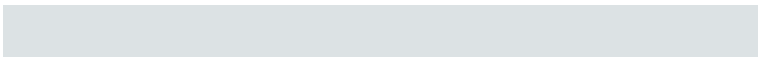
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3983, 75.0993, 81.2504



70.4390, 75.0993, 82.7346



70.7311, 75.0993, 83.9746

Triad

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



70.4390, 75.0993, 82.7346



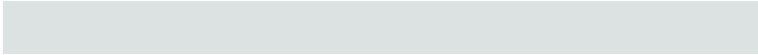
72.1452, 75.0993, 83.6476



71.5617, 75.0993, 78.9792

Complementary

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



70.4390, 75.0993, 82.7346



69.8782, 72.5244, 78.0294

Split Complementary

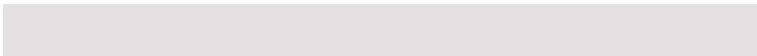
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0321, 75.0993, 79.6051



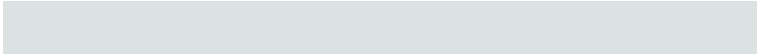
70.4390, 75.0993, 82.7346



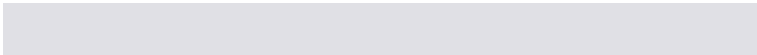
72.3701, 75.0993, 82.2926

Square

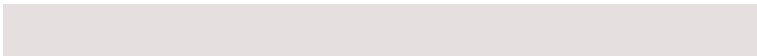
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



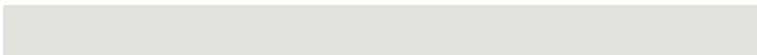
70.4390, 75.0993, 82.7346



71.7155, 75.0993, 84.5061



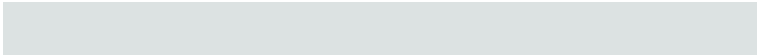
72.3286, 75.0993, 80.8137



71.0448, 75.0993, 79.0943

Rectangle

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



70.4390, 75.0993, 82.7346



71.0298, 75.0993, 84.4901



72.3286, 75.0993, 80.8137



71.7306, 75.0993, 79.1096

Sweetspot

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



70.4411, 75.1025, 82.7362



94.1178, 99.5195, 108.8551



69.6622, 74.7944, 78.4764



20.1549, 21.3063, 23.2999



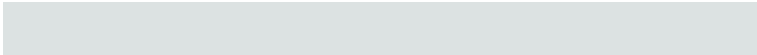
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.4411, 75.1025, 82.7362



92.2906, 98.5776, 108.7670



69.6592, 73.5378, 82.4780



14.9013, 15.9769, 17.6854



23.3366, 34.1595, 46.3571



1.6177, 2.3678, 3.2138

Inverse Universe

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



69.8782, 72.5244, 78.0294



91.4512, 94.7331, 101.7482



70.6460, 74.0607, 78.2829



14.7314, 15.1990, 16.2651



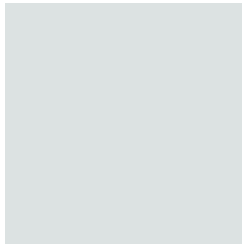
17.8938, 9.2245, 0.8404



1.2404, 0.6394, 0.0589

Previews

White Background



This preview shows how the XYZ color 70.4390, 75.0993, 82.7346 looks on a white background.

Color Contrast Check

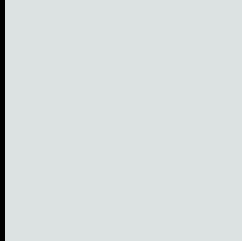
Large Text (above 18pt) WCAG AA × Fail

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 70.4390, 75.0993, 82.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

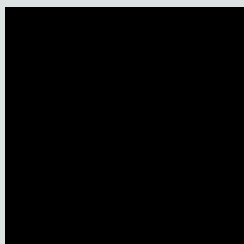
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

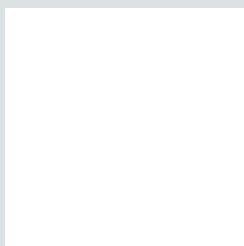
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4390, 75.0993, 82.7346

Background



This preview shows how black text looks on a background with the XYZ color 70.4390, 75.0993, 82.7346.



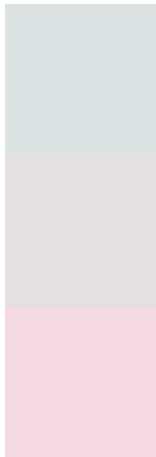
This preview shows how white text looks on a background with the XYZ color 70.4390, 75.0993,

82.7346.

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

70.4390, 75.0993, 82.7346

Protanopia

72.2412, 75.2415, 81.9497

Deuteranopia

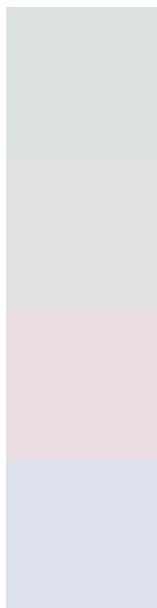
76.7312, 75.1567, 83.8613



Tritanopia

72.6570, 75.1918, 93.9031

Trichromacy



Original Color

70.4390, 75.0993, 82.7346

Protanomaly

71.5672, 75.2942, 81.9954

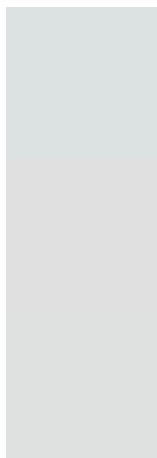
Deuteranomaly

74.3137, 75.0918, 83.2505

Tritanomaly

71.8843, 75.2787, 90.0984

Monochromacy



Original Color

70.4390, 75.0993, 82.7346

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.9472, 74.9746, 81.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4390, 75.0993, 82.7346 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, 226) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 70.4390, 75.0993, 82.7346 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, 226) }
```


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

```
.border{ border-color:rgb(220, 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(220, 226, 226)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 70.4390, 75.0993, 82.7346 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, 226) }
```

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

```
.background{ background-color: rgb(220,  
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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