

Converting Colors

XYZ(70.6140, 76.3951, 84.5047)

Have a look what the booklet for
XYZ(70.6140, 76.3951, 84.5047)
contains.

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Color

**XYZ(70.6382, 76.3918,
84.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E5E4
RGB	217, 229, 228
RGB Percent	85%, 90%, 89%
CMY	0.1490, 0.1019, 0.1059
CMYK	0.05, 0.00, 0.00, 0.10
HSL	175°, 19%, 87%
HSV	175°, 5%, 90%
XYZ	70.6382, 76.3918, 84.4208
YIQ	225.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

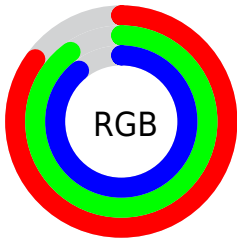
Format	Color
RYB	217, 223, 229
Decimal	14280164
CIELab	90.04, -4.17, -0.91
CIELCh	90, 4.269, 192.258
Yxy	76.3918, 0.3052, 0.3301
Android (android.graphics.Color)	4292470244 (0xFFD9E5E4)
YUV	225.2980, 1.3321, -7.2773
Hunter-Lab	87.4024, -8.6914, 3.9143

Details

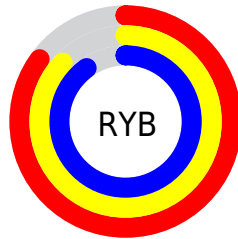
The XYZ color **70.6382, 76.3918, 84.4208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7837, 71.3478, 76.4269**, and the grayscale version is **71.7785, 75.5165, 82.2375**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5792, 40.9706, 45.4626** is the 20% darker color. If you saturate the color by 10%, you get **64.0343, 73.0200, 82.7331**, and if you desaturate by 10%, it is **78.1940, 80.2582, 86.1715**.

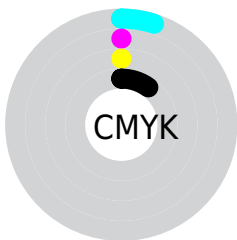
Distribution



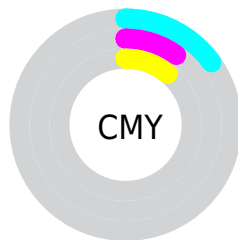
- Red (85%)
- Green (90%)
- Blue (89%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6382, 76.3918, 84.4208 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 70.6382, 76.3918, 84.4208 by changing the saturation by 10% instead.

■ 70.6382, 76.3918,
84.4208

■ 70.6382, 76.3918,
84.4208

452.0192,
482.6878, 529.8041

■ 52.3285, 56.7538,
62.8155

119.1397,
128.2806, 141.4306

■ 37.4923, 40.8076,
45.2519

150.0623,
161.3002, 177.6723

■ 25.7643, 28.1688,
31.3115

185.9197,
199.5492, 219.6298

■ 16.7791, 18.4529,
20.5757

227.0776,
243.4118, 267.7216

■ 10.1715, 11.2757,
12.6260

273.9011,
293.2727, 322.3665

■ 5.5759, 6.2526,
7.0438

326.7556,

■ 2.6272, 2.9993,

349.5160, 383.9828

3.4107

386.0065,
412.5263, 452.9892

■ 0.9598, 1.1313,
1.3080

■ 0.0000, 0.0045,
0.0683

■ 70.6382, 76.3918,
84.4208

■ 70.6382, 76.3918,
84.4208

■ 64.0343, 73.0200,
82.7331

■ 78.1940, 80.2582,
86.1715

■ 58.3370, 70.1132,
81.1017

■ 83.8023, 83.1182,
87.8450

■ 53.5072, 67.6532,
79.5261

■ 84.0756, 83.2275,
89.2842

■ 49.5003, 65.6171,
78.0042

■ 84.3519, 83.3380,
90.7391

46.2678, 63.9799,
76.5337

84.6312, 83.4497,
92.2097

43.7562, 62.7140,
75.1121

84.9134, 83.5626,
93.6960

41.9050, 61.7881,
73.7365

85.1987, 83.6767,
95.1982

40.6437, 61.1662,
72.4036

85.4870, 83.7920,
96.7162

39.8861, 60.8035,
71.1091

85.7782, 83.9085,
98.2501

Harmonies

Analogous

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



70.6877, 76.3918, 81.4148



70.6382, 76.3918, 84.4208



71.1128, 76.3918, 87.1575

Triad

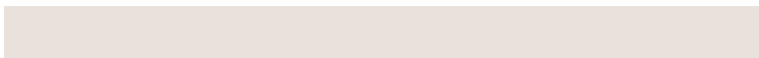
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6382, 76.3918, 84.4208



73.9848, 76.3918, 87.5649



73.2298, 76.3918, 77.7510

Complementary

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



70.6382, 76.3918, 84.4208



69.7837, 71.3478, 76.4269

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.



74.1242, 76.3918, 79.3209



70.6382, 76.3918, 84.4208



74.5630, 76.3918, 84.9658

Square

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



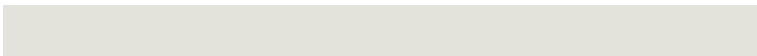
70.6382, 76.3918, 84.4208



73.0409, 76.3918, 89.0021



74.6143, 76.3918, 81.9468



72.1771, 76.3918, 77.6131

Rectangle

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



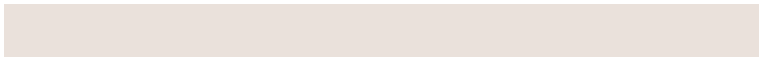
70.6382, 76.3918, 84.4208



71.6652, 76.3918, 88.4416



74.6143, 76.3918, 81.9468



73.5592, 76.3918, 78.1269

Sweetspot

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



70.6404, 76.3950, 84.4225



93.1299, 99.0181, 108.4521



69.5193, 75.9880, 76.6499



19.9537, 21.2042, 23.2180



0.0000, 0.0000, 0.0000



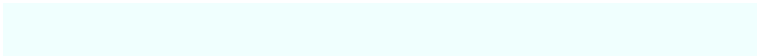
20.3446, 21.4041, 23.3091

Same Dimension

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



70.6404, 76.3950, 84.4225



89.4381, 97.1307, 107.5657



69.4699, 73.8304, 84.7218



15.1735, 16.5295, 18.3338



22.6825, 34.7051, 40.4238



1.6916, 2.5708, 3.0685

Inverse Universe

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



69.7837, 71.3478, 76.4269



88.1859, 89.7533, 95.8792



70.9084, 73.8068, 76.1557



14.9401, 15.1542, 16.1551



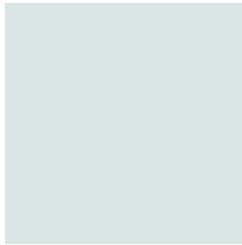
18.5607, 9.5585, 1.3159



1.3886, 0.7132, 0.1869

Previews

White Background



This preview shows how the XYZ color 70.6382, 76.3918, 84.4208 looks on a white background.

Color Contrast Check

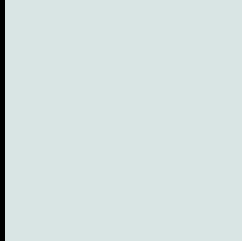
Large Text (above 18pt) WCAG AA × Fail

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 70.6382, 76.3918, 84.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

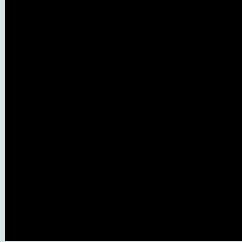
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

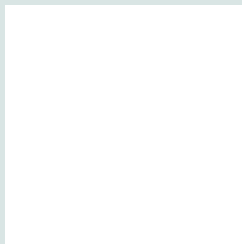
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.6382, 76.3918, 84.4208

Background



This preview shows how black text looks on a background with the XYZ color 70.6382, 76.3918, 84.4208.

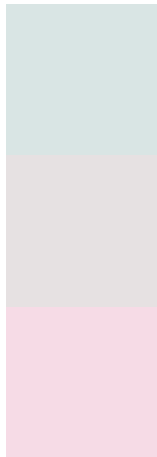


This preview shows how white text looks on a background with the XYZ color 70.6382, 76.3918,

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

70.6382, 76.3918, 84.4208

Protanopia

73.2858, 76.1644, 82.7901

Deuteranopia

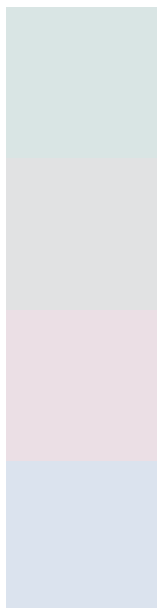
77.6205, 75.9690, 85.4354



Tritanopia

73.0407, 76.1400, 96.4348

Trichromacy



Original Color

70.6382, 76.3918, 84.4208

Protanomaly

72.1128, 75.9463, 83.5314

Deuteranomaly

74.7915, 76.0947, 84.8745

Tritanomaly

72.1151, 76.1713, 91.7906

Monochromacy



Original Color

70.6382, 76.3918, 84.4208

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.0480, 75.4133, 82.7631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6382, 76.3918, 84.4208 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(217, 229, 228) looks like.

```
.text, #text, p{  
    color:rgb(217, 229, 228)  
}
```

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(217, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 229, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.6382, 76.3918, 84.4208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

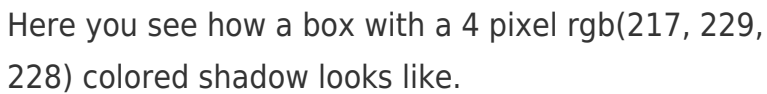
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 229, 228) }
```


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

```
.border{ border-color:rgb(217, 229, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 229, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 229, 228); box-shadow:4px 4px 4px 4px rgb(217, 229, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6382, 76.3918, 84.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 229, 228) }
```

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

```
.background{ background-color: rgb(217,  
229, 228) }
```

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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