

Converting Colors

XYZ(71.4171, 76.1178, 82.5617)

Have a look what the booklet for
XYZ(71.4171, 76.1178, 82.5617)
contains.

XYZ(71.3208, 75.9588, 82.8540)	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(71.3208, 75.9588,
82.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE3E2
RGB	222, 227, 226
RGB Percent	87%, 89%, 89%
CMY	0.1294, 0.1098, 0.1137
CMYK	0.02, 0.00, 0.00, 0.11
HSL	168°, 8%, 88%
HSV	168°, 2%, 89%
XYZ	71.3208, 75.9588, 82.8540
YIQ	225.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

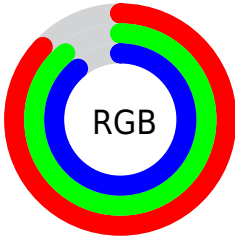
Format	Color
R _Y B	222, 225, 227
Decimal	14607330
CIE Lab	89.84, -1.85, -0.11
CIE LCh	90, 1.855, 183.356
Yxy	75.9588, 0.3099, 0.3301
Android (android.graphics.Color)	4292797410 (0xFFDEE3E2)
YUV	225.3910, 0.3002, -2.9739
Hunter-Lab	87.1543, -6.4486, 4.6435

Details

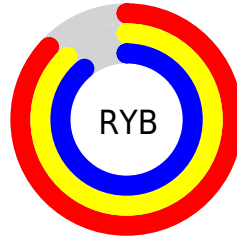
The XYZ color **71.3208, 75.9588, 82.8540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1220, 73.9032, 80.3321**, and the grayscale version is **71.8505, 75.5923, 82.3200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0396, 40.6608, 44.3715** is the 20% darker color. If you saturate the color by 10%, you get **64.2146, 72.3688, 79.3038**, and if you desaturate by 10%, it is **79.3840, 80.0445, 86.5388**.

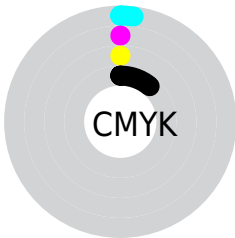
Distribution



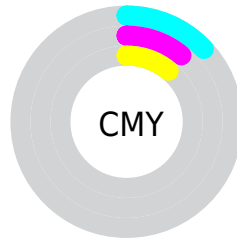
- Red (87%)
- Green (89%)
- Blue (89%)



- 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 71.3208, 75.9588, 82.8540 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 71.3208, 75.9588, 82.8540 by changing the saturation by 10% instead.

■ 71.3208, 75.9588,
82.8540

■ 71.3208, 75.9588,
82.8540

454.3685,
481.2067, 524.4581

■ 52.8875, 56.3987,
61.5298

120.1064,
127.6687, 139.2184

■ 37.9401, 40.5227,
44.2195

151.1895,
160.5872, 175.0956

■ 26.1132, 27.9463,
30.5047

187.2198,
198.7275, 216.6610

■ 17.0415, 18.2852,
19.9667

228.5628,
242.4737, 264.3329

■ 10.3596, 11.1549,
12.1870

275.5838,
292.2103, 318.5301

■ 5.7021, 6.1711,
6.7471

328.6482,

■ 2.7037, 2.9494,

348.3218, 379.6710

3.2284

388.1213,
411.1924, 448.1741

■ 0.9991, 1.1054,
1.2124

■ 0.0000, 0.0000,
0.0000

■ 71.3208, 75.9588,
82.8540

■ 71.3208, 75.9588,
82.8540

■ 64.2146, 72.3688,
79.3038

■ 79.3840, 80.0445,
86.5388

■ 58.0217, 69.2456,
75.8808

■ 83.7218, 82.2056,
90.1350

■ 52.7045, 66.5720,
72.5840

■ 84.3888, 82.4724,
93.6473

■ 48.2204, 64.3259,
69.4109

■ 85.0728, 82.7460,
97.2490

■ 44.5229, 62.4835,
66.3586

■ 85.7738, 83.0264,
100.9408

■ 41.5612, 61.0186,
63.4240

■ 86.4921, 83.3137,
104.7232

■ 39.2782, 59.9017,
60.6037

■ 86.7606, 83.4211,
106.1369

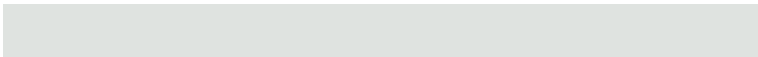
■ 37.6084, 59.0991,
57.8940

■ 36.4730, 58.5703,
55.2904

Harmonies

Analogous

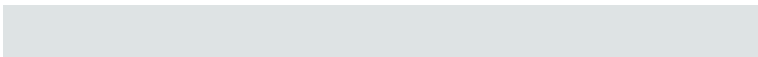
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4121, 75.9588, 81.5801



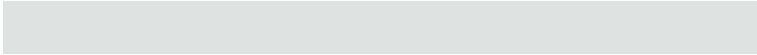
71.3208, 75.9588, 82.8540



71.4633, 75.9588, 84.1011

Triad

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



71.3208, 75.9588, 82.8540



72.6820, 75.9588, 84.8313



72.5923, 75.9588, 80.4719

Complementary

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



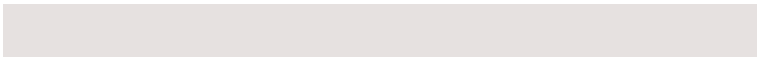
71.3208, 75.9588, 82.8540



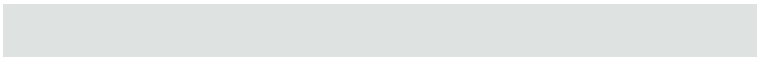
71.1220, 73.9032, 80.3321

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.



72.9348, 75.9588, 81.3269



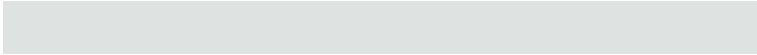
71.3208, 75.9588, 82.8540



72.9867, 75.9588, 83.8426

Square

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



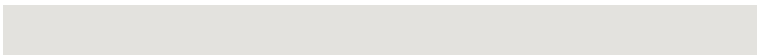
71.3208, 75.9588, 82.8540



72.2481, 75.9588, 85.2502



73.0795, 75.9588, 82.5586



72.1450, 75.9588, 80.2134

Rectangle

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



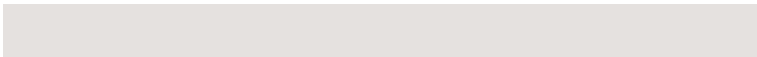
71.3208, 75.9588, 82.8540



71.6721, 75.9588, 84.7469



73.0795, 75.9588, 82.5586



72.7236, 75.9588, 80.6986

Sweetspot

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



71.3230, 75.9620, 82.8557



94.0358, 99.4867, 108.4232



71.1135, 75.9167, 80.0137



20.1382, 21.2996, 23.2121



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

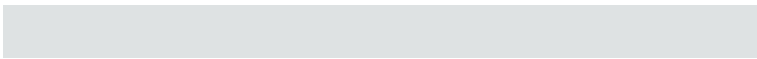
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3230, 75.9620, 82.8557



92.0452, 98.4794, 107.4748



71.0749, 75.2449, 83.4546



15.5801, 16.7408, 18.2788



20.9546, 34.0139, 31.3249



1.5800, 2.5261, 2.4810

Inverse Universe

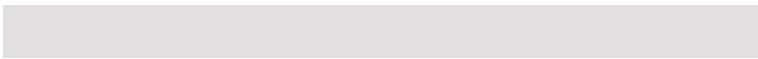
The Inverse Universe completely reimagines the original color for something new.



71.1220, 73.9032, 80.3321



91.6888, 94.8282, 102.9994



71.3652, 74.6055, 79.7474



15.5043, 15.9638, 17.3264



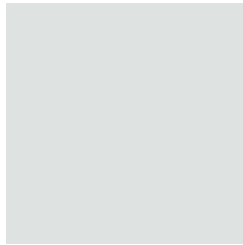
18.7906, 9.6504, 2.5262



1.4213, 0.7262, 0.3591

Previews

White Background



This preview shows how the XYZ color 71.3208, 75.9588, 82.8540 looks on a white background.

Color Contrast Check

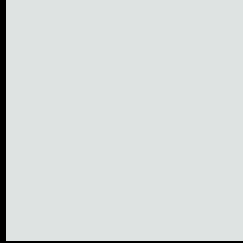
Large Text (above 18pt) WCAG AA × Fail

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 71.3208, 75.9588, 82.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

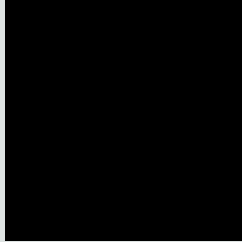
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

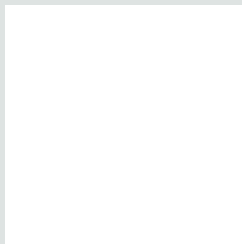
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3208, 75.9588, 82.8540

Background



This preview shows how black text looks on a background with the XYZ color 71.3208, 75.9588, 82.8540.



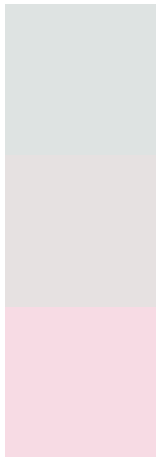
This preview shows how white text looks on a background with the XYZ color 71.3208, 75.9588,

82.8540.

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

71.3208, 75.9588, 82.8540

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

77.6929, 76.0386, 83.9809



Tritanopia

73.7340, 75.7297, 94.7355

Trichromacy



Original Color

71.3208, 75.9588, 82.8540

Protanomaly

72.4655, 76.1598, 82.1151

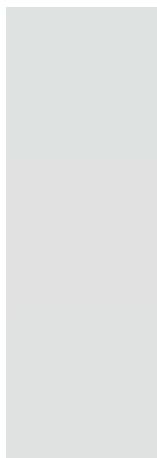
Deuteranomaly

75.2463, 75.9657, 83.3700

Tritanomaly

72.8060, 75.7538, 90.1415

Monochromacy



Original Color

71.3208, 75.9588, 82.8540

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5274, 75.6762, 82.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3208, 75.9588, 82.8540 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, 227, 226) looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 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(222, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 71.3208, 75.9588, 82.8540 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, 227, 226) }
```


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

```
.border{ border-color:rgb(222, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3208, 75.9588, 82.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 226) }
```

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

```
.background{ background-color: rgb(222,  
227, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor