

Converting Colors

XYZ(69.8595, 69.7352, 88.0234)

Have a look what the booklet for
XYZ(69.8595, 69.7352, 88.0234)
contains.

XYZ(69.8410, 69.5942, 88.3493)	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(69.8410, 69.5942,
88.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D5EB
RGB	225, 213, 235
RGB Percent	88%, 84%, 92%
CMY	0.1176, 0.1647, 0.0784
CMYK	0.04, 0.09, 0.00, 0.08
HSL	273°, 35%, 88%
HSV	273°, 9%, 92%
XYZ	69.8410, 69.5942, 88.3493
YIQ	219.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

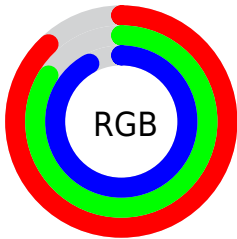
Format	Color
R _{YB}	225, 213, 235
Decimal	14800363
CIE Lab	86.80, 8.10, -9.31
CIE LCh	87, 12.336, 311.034
Yxy	69.5942, 0.3066, 0.3055
Android (android.graphics.Color)	4292990443 (0xFFE1D5EB)
YUV	219.0960, 7.8407, 5.1778
Hunter-Lab	83.4231, 3.4479, -4.3949

Details

The XYZ color **69.8410, 69.5942, 88.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1525, 79.9106, 74.5757**, and the grayscale version is **67.3476, 70.8549, 77.1610**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9411, 36.2544, 47.6986** is the 20% darker color. If you saturate the color by 10%, you get **61.1266, 56.9552, 86.3701**, and if you desaturate by 10%, it is **79.6243, 84.0595, 90.6268**.

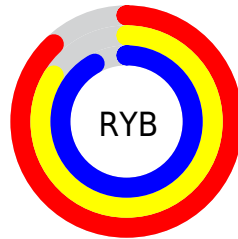
Distribution



Red (88%)

Green (84%)

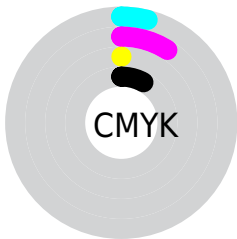
Blue (92%)



Red (88%)

Yellow (84%)

Blue (92%)

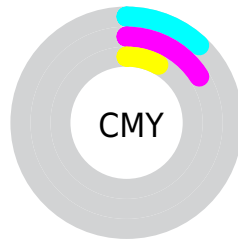


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (12%)

Magenta (16%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8410, 69.5942, 88.3493 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 69.8410, 69.5942, 88.3493 by changing the saturation by 10% instead.

69.8410, 69.5942,
88.3493

69.8410, 69.5942,
88.3493

449.2667,
459.1239, 543.0774

51.6760, 51.1958,
66.0464

118.0095,
118.6299, 146.9588

36.9701, 36.3644,
47.8534

148.7437,
150.0359, 184.1024

25.3579, 24.7158,
33.3516

184.3985,
186.5466, 227.0301

16.4741, 15.8654,
22.1226

225.3390,
228.5464, 276.1603

9.9532, 9.4290,
13.7478

271.9308,
276.4196, 331.9116

5.4300, 5.0220,
7.8088

324.5390,

2.5390, 2.2602,

330.5506, 394.7025

3.8868

383.5292,
391.3239, 464.9516

■ 0.9150, 0.7525,
1.5635

■ 0.0000, 0.0000,
0.2645

■ 69.8410, 69.5942,
88.3493

■ 69.8410, 69.5942,
88.3493

■ 61.1266, 56.9552,
86.3701

■ 79.6243, 84.0595,
90.6268

■ 53.4347, 46.0583,
84.6722

■ 88.8910, 97.1778,
92.6705

■ 46.7239, 36.8259,
83.2438

■ 91.9956, 98.7782,
92.8158

■ 40.9479, 29.1708,
82.0707

■ 36.0558, 22.9976,
81.1370

■ 31.9914, 18.2004,
80.4252

■ 28.6913, 14.6584,
79.9155

■ 26.0804, 12.2288,
79.5842

■ 24.0427, 10.6864,
79.3938

Harmonies

Analogous

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



67.2103, 69.5942, 92.3916



69.8410, 69.5942, 88.3493



71.5109, 69.5942, 81.0360

Triad

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



69.8410, 69.5942, 88.3493



67.9591, 69.5942, 61.7759



60.8713, 69.5942, 78.8451

Complementary

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



69.8410, 69.5942, 88.3493



72.1525, 79.9106, 74.5757

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.



61.0586, 69.5942, 70.7492



69.8410, 69.5942, 88.3493



65.0954, 69.5942, 61.2828

Square

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



69.8410, 69.5942, 88.3493



70.4028, 69.5942, 65.8559



62.5860, 69.5942, 64.4565



62.0666, 69.5942, 86.6459

Rectangle

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



69.8410, 69.5942, 88.3493



71.8263, 69.5942, 75.4911



62.5860, 69.5942, 64.4565



60.7756, 69.5942, 76.0621

Sweetspot

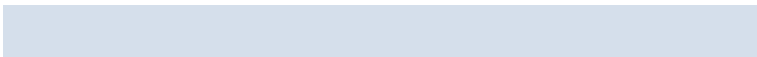
The Sweet Spot groups the original color and five complimentary colors.



69.8430, 69.5972, 88.3508



91.3900, 94.5622, 108.0433



68.8976, 73.0649, 89.0700



19.3562, 19.9365, 23.0779



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.



69.8430, 69.5972, 88.3508



82.2087, 81.0520, 105.9195



72.9468, 71.2094, 87.9442



15.0163, 14.9537, 19.0172



13.4632, 5.9765, 44.1869



1.1679, 0.5264, 3.4749

Inverse Universe

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



71.3769, 70.5815, 79.6770



84.3793, 82.4444, 93.6720



69.2550, 78.4061, 74.9270



15.3502, 15.1679, 17.1295



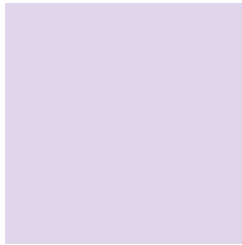
20.6025, 10.4437, 8.9739



1.6658, 0.8393, 0.9572

Previews

White Background



This preview shows how the XYZ color 69.8410, 69.5942, 88.3493 looks on a white background.

Color Contrast Check

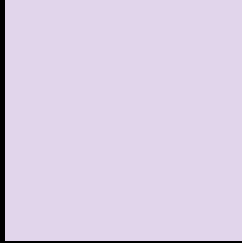
Large Text (above 18pt) WCAG AA × Fail

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 69.8410, 69.5942, 88.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

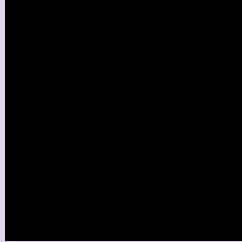
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8410, 69.5942, 88.3493

Background



This preview shows how black text looks on a background with the XYZ color 69.8410, 69.5942, 88.3493.



This preview shows how white text looks on a background with the XYZ color 69.8410, 69.5942,

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

69.8410, 69.5942, 88.3493

Protanopia

68.1608, 69.8251, 90.0059

Deuteranopia

70.9228, 69.4097, 88.2566



Tritanopia

69.2108, 69.7099, 85.4089

Trichromacy



Original Color

69.8410, 69.5942, 88.3493

Protanomaly

68.6542, 69.7171, 89.1952

Deuteranomaly

70.5338, 69.5791, 88.3098

Tritanomaly

69.3525, 69.7666, 86.1550

Monochromacy



Original Color

69.8410, 69.5942, 88.3493

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2223, 70.4341, 81.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8410, 69.5942, 88.3493 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(225, 213, 235) looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 235)  
}
```

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(225, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 235) }
```

Border

The CSS property to change the border of an element to XYZ 69.8410, 69.5942, 88.3493 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(225, 213, 235) }
```


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

```
.border{ border-color:rgb(225, 213, 235) }
```

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

Here you see how a box with a 4 pixel rgb(225, 213, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(225, 213,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8410, 69.5942, 88.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 235) }
```

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

```
.background{ background-color: rgb(225,  
213, 235) }
```

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