

Converting Colors

XYZ(66.7778, 69.1033, 82.4414)

Have a look what the booklet for
XYZ(66.7778, 69.1033, 82.4414)
contains.

XYZ(67.0363, 69.4095, 82.5372)	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(67.0363, 69.4095,
82.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8E3
RGB	217, 216, 227
RGB Percent	85%, 85%, 89%
CMY	0.1490, 0.1529, 0.1098
CMYK	0.04, 0.05, 0.00, 0.11
HSL	245°, 16%, 87%
HSV	245°, 5%, 89%
XYZ	67.0363, 69.4095, 82.5372
YIQ	217.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

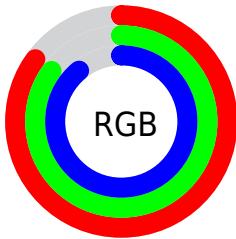
Format	Color
R _Y B	217, 216, 227
Decimal	14276835
CIE Lab	86.71, 2.37, -5.28
CIE LCh	87, 5.786, 294.168
Yxy	69.4095, 0.3061, 0.3170
Android (android.graphics.Color)	4292466915 (0xFFD9D8E3)
YUV	217.5530, 4.6574, -0.4850
Hunter-Lab	83.3124, -2.1687, -0.4197

Details

The XYZ color **67.0363, 69.4095, 82.5372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2303, 76.0666, 75.8973**, and the grayscale version is **66.3050, 69.7580, 75.9665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0916, 36.1497, 44.1578** is the 20% darker color. If you saturate the color by 10%, you get **55.8613, 55.6050, 80.4627**, and if you desaturate by 10%, it is **79.7862, 85.2223, 84.9184**.

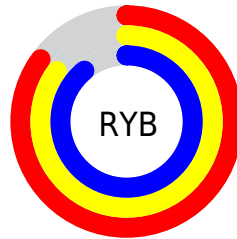
Distribution



Red (85%)

Green (85%)

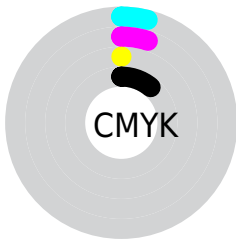
Blue (89%)



Red (85%)

Yellow (85%)

Blue (89%)

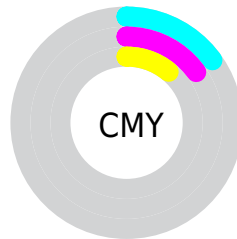


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0363, 69.4095, 82.5372 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 67.0363, 69.4095, 82.5372 by changing the saturation by 10% instead.

■ 67.0363, 69.4095,
82.5372

■ 67.0363, 69.4095,
82.5372

439.5044,
458.4739, 523.3734

■ 49.3849, 51.0453,
61.2700

114.0219,
118.3663, 138.7705

■ 35.1407, 36.2446,
44.0112

144.0869,
149.7276, 174.5738

■ 23.9383, 24.6232,
30.3420

179.0205,
186.1901, 216.0594

■ 15.4124, 15.7965,
19.8441

219.1880,
228.1382, 263.6461

■ 9.1975, 9.3803,
12.0988

264.9548,
275.9562, 317.7523

■ 4.9284, 4.9901,
6.6877

316.6862,

■ 2.2396, 2.2414,

330.0286, 378.7965

3.1921

374.7476,
390.7397, 447.1974

■ 0.7635, 0.7424,
1.1935

■ 0.0000, 0.0000,
0.0000

■ 67.0363, 69.4095,
82.5372

■ 67.0363, 69.4095,
82.5372

■ 55.8613, 55.6050,
80.4627

■ 79.7862, 85.2223,
84.9184

■ 46.1942, 43.7200,
78.6782

■ 90.8653, 98.3261,
86.8638

■ 37.9721, 33.6720,
77.1721

■ 31.1254, 25.3691,
75.9303

■ 25.5785, 18.7116,
74.9376

■ 21.2488, 13.5897,
74.1772

■ 18.0439, 9.8799,
73.6301

■ 15.8580, 7.4398,
73.2743

■ 14.5649, 6.0967,
73.0832

Harmonies

Analogous

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



65.7091, 69.4095, 83.1868



67.0363, 69.4095, 82.5372



68.0910, 69.4095, 79.9953

Triad

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



67.0363, 69.4095, 82.5372



67.4975, 69.4095, 69.7270



63.4317, 69.4095, 74.8249

Complementary

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



67.0363, 69.4095, 82.5372



71.2303, 76.0666, 75.8973

Split Complementary

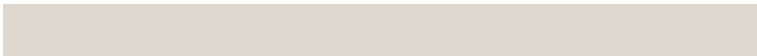
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.8967, 69.4095, 71.3209



67.0363, 69.4095, 82.5372



66.2348, 69.4095, 68.4426

Square

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



67.0363, 69.4095, 82.5372



68.3598, 69.4095, 72.5827



64.9183, 69.4095, 69.0160



63.6398, 69.4095, 78.6487

Rectangle

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



67.0363, 69.4095, 82.5372



68.4916, 69.4095, 77.6143



64.9183, 69.4095, 69.0160



63.5143, 69.4095, 73.5721

Sweetspot

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



67.0383, 69.4125, 82.5387



93.3939, 97.9466, 108.5909



69.4052, 74.5848, 83.4123



20.0076, 20.9863, 23.2462



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.



67.0383, 69.4125, 82.5387



85.4271, 88.0797, 107.1063



68.6754, 70.2564, 82.6153



14.4256, 14.8421, 18.2488



8.3030, 3.3462, 42.5914



0.6554, 0.2688, 3.1493

Inverse Universe

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



69.9643, 70.9367, 81.9595



90.1393, 90.5347, 106.1655



69.5580, 75.2045, 75.8190



15.3042, 15.2999, 18.0727



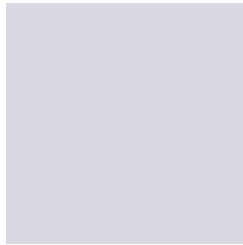
25.0251, 12.1443, 35.3567



1.8659, 0.9041, 2.7001

Previews

White Background



This preview shows how the XYZ color 67.0363, 69.4095, 82.5372 looks on a white background.

Color Contrast Check

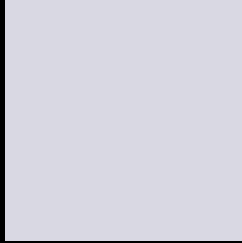
Large Text (above 18pt) WCAG AA × Fail

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 67.0363, 69.4095, 82.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

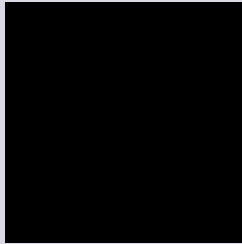
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

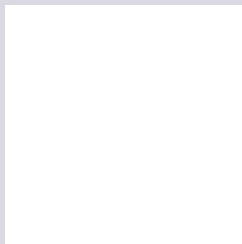
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0363, 69.4095, 82.5372

Background



This preview shows how black text looks on a background with the XYZ color 67.0363, 69.4095, 82.5372.

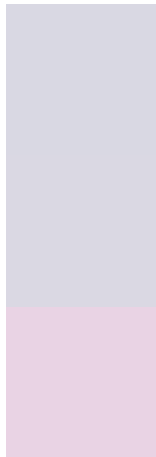


This preview shows how white text looks on a background with the XYZ color 67.0363, 69.4095,

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

67.0363, 69.4095, 82.5372

Protanopia

67.3344, 69.5632, 82.5512

Deuteranopia

70.9021, 69.5136, 83.0793



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

67.0363, 69.4095, 82.5372

Protanomaly

67.3344, 69.5632, 82.5512

Deuteranomaly

69.4764, 69.5208, 83.1559

Tritanomaly

67.4968, 69.2195, 84.6661

Monochromacy



Original Color

67.0363, 69.4095, 82.5372

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.7774, 69.7516, 78.3505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0363, 69.4095, 82.5372 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, 216, 227) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 227)  
}
```

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, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.0363, 69.4095, 82.5372 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, 216, 227) }
```


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

```
.border{ border-color:rgb(217, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0363, 69.4095, 82.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 227) }
```

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

```
.background{ background-color: rgb(217,  
216, 227) }
```

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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