

Converting Colors

XYZ(71.2493, 69.5887, 84.3703)

Have a look what the booklet for
XYZ(71.2493, 69.5887, 84.3703)
contains.

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Color

**XYZ(71.1815, 69.6253,
84.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D3E6
RGB	233, 211, 230
RGB Percent	91%, 83%, 90%
CMY	0.0863, 0.1725, 0.0980
CMYK	0.00, 0.09, 0.01, 0.09
HSL	308°, 33%, 87%
HSV	308°, 9%, 91%
XYZ	71.1815, 69.6253, 84.5503
YIQ	219.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

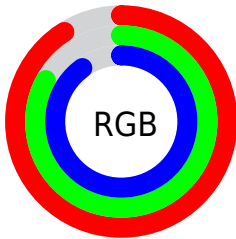
Format	Color
R _Y B	233, 211, 230
Decimal	15324134
CIE Lab	86.81, 10.90, -6.57
CIE LCh	87, 12.726, 328.938
Yxy	69.6253, 0.3159, 0.3090
Android (android.graphics.Color)	4293514214 (0xFFE9D3E6)
YUV	219.7440, 5.0562, 11.6255
Hunter-Lab	83.4418, 6.2495, -1.6684

Details

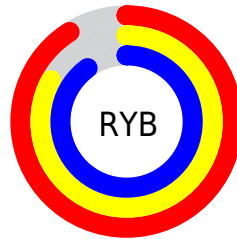
The XYZ color **71.1815, 69.6253, 84.5503** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1432, 76.9838, 74.8898**, and the grayscale version is **67.8132, 71.3448, 77.6945**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7578, 36.2192, 45.5584** is the 20% darker color. If you saturate the color by 10%, you get **65.3659, 58.7008, 80.4305**, and if you desaturate by 10%, it is **77.8483, 82.2371, 88.9956**.

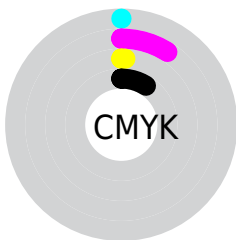
Distribution



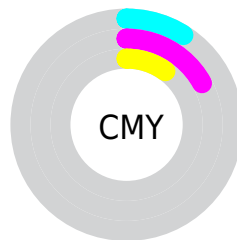
- Red (91%)
- Green (83%)
- Blue (90%)



- Red (91%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1815, 69.6253, 84.5503 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 71.1815, 69.6253, 84.5503 by changing the saturation by 10% instead.

71.1815, 69.6253,
84.5503

71.1815, 69.6253,
84.5503

453.8896,
459.2333, 530.2446

52.7734, 51.2211,
62.9219

119.9092,
118.6743, 141.6133

37.8487, 36.3846,
45.3374

150.9596,
150.0878, 177.8849

26.0419, 24.7314,
31.3784

186.9547,
186.6066, 219.8747

16.9879, 15.8770,
20.6263

228.2600,
228.6151, 268.0011

10.3211, 9.4372,
12.6625

275.2408,
276.4976, 322.6828

5.6763, 5.0274,
7.0686

328.2624,

2.6880, 2.2634,

330.6385, 384.3382

3.4259

387.6902,
391.4223, 453.3860

■ 0.9910, 0.7542,
1.3160

■ 0.0000, 0.0000,
0.0749

■ 71.1815, 69.6253,
84.5503

■ 71.1815, 69.6253,
84.5503

■ 65.3659, 58.7008,
80.4305

■ 77.8483, 82.2371,
88.9956

■ 60.3593, 49.3826,
76.6196

■ 84.5572, 94.9209,
93.4944

■ 56.1254, 41.5967,
73.1059

■ 85.0241, 95.1076,
95.9532

■ 52.6223, 35.2596,
69.8753

■ 85.4993, 95.2977,
98.4555

49.8043, 30.2801,
66.9124

85.9827, 95.4911,
101.0015

47.6206, 26.5562,
64.2000

86.4746, 95.6878,
103.5915

46.0129, 23.9720,
61.7185

86.9748, 95.8879,
106.2257

44.9125, 22.3897,
59.4448

87.4148, 96.0639,
108.5427

44.2086, 21.5881,
57.3416

Harmonies

Analogous

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



68.9739, 69.6253, 91.0155



71.1815, 69.6253, 84.5503



72.0421, 69.6253, 76.1130

Triad

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



71.1815, 69.6253, 84.5503



66.2824, 69.6253, 60.6292



61.3119, 69.6253, 83.9881

Complementary

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



71.1815, 69.6253, 84.5503



68.1432, 76.9838, 74.8898

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.



60.6387, 69.6253, 75.5080



71.1815, 69.6253, 84.5503



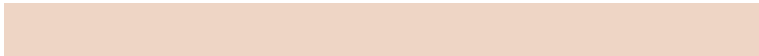
63.4563, 69.6253, 62.4002

Square

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



71.1815, 69.6253, 84.5503



69.1621, 69.6253, 62.6663



61.4123, 69.6253, 67.6940



63.2786, 69.6253, 90.6742

Rectangle

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



71.1815, 69.6253, 84.5503



71.7170, 69.6253, 70.6335



61.4123, 69.6253, 67.6940



60.9294, 69.6253, 81.2337

Sweetspot

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



71.1835, 69.6283, 84.5518



92.4903, 95.1488, 107.2203



65.7173, 66.7613, 86.5146



19.6538, 20.0952, 22.8548



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.



71.1835, 69.6283, 84.5518



86.1355, 83.1468, 102.9198



69.6959, 69.0333, 76.7180



15.6213, 15.2764, 18.5570



25.0987, 12.2422, 32.6507



1.9953, 0.9711, 2.6925

Inverse Universe

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



71.1835, 69.6283, 84.5518



86.1355, 83.1468, 102.9198



69.5868, 77.5612, 82.4918



15.6213, 15.2764, 18.5570



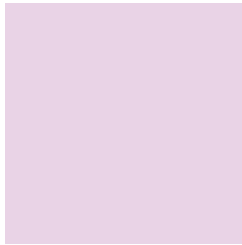
25.0987, 12.2422, 32.6507



1.9953, 0.9711, 2.6925

Previews

White Background



This preview shows how the XYZ color 71.1815, 69.6253, 84.5503 looks on a white background.

Color Contrast Check

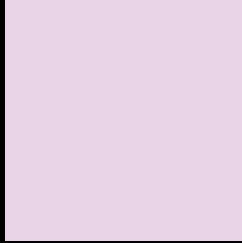
Large Text (above 18pt) WCAG AA × Fail

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 71.1815, 69.6253, 84.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

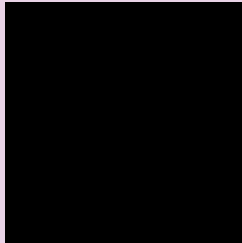
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1815, 69.6253, 84.5503

Background



This preview shows how black text looks on a background with the XYZ color 71.1815, 69.6253, 84.5503.



This preview shows how white text looks on a background with the XYZ color 71.1815, 69.6253,

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

71.1815, 69.6253, 84.5503

Protanopia

67.8791, 69.7466, 86.9756

Deuteranopia

71.1815, 69.6253, 84.5503



Tritanopia

70.9021, 69.5136, 83.0793

Trichromacy



Original Color

71.1815, 69.6253, 84.5503

Protanomaly

69.0435, 69.6073, 86.1405

Deuteranomaly

71.1815, 69.6253, 84.5503

Tritanomaly

71.0414, 69.5693, 83.8127

Monochromacy



Original Color

71.1815, 69.6253, 84.5503

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3187, 71.0151, 80.5748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1815, 69.6253, 84.5503 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(233, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(233, 211, 230)  
}
```

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(233, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.1815, 69.6253, 84.5503 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(233, 211, 230) }
```


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

```
.border{ border-color:rgb(233, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(233, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1815, 69.6253, 84.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 211, 230) }
```

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

```
.background{ background-color: rgb(233,  
211, 230) }
```

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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