

Converting Colors

XYZ(74.7301, 73.7836, 89.6725)

Have a look what the booklet for
XYZ(74.7301, 73.7836, 89.6725)
contains.

XYZ(74.5452, 73.5147, 89.6177)	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(74.5452, 73.5147,
89.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD9EC
RGB	236, 217, 236
RGB Percent	93%, 85%, 93%
CMY	0.0745, 0.1490, 0.0745
CMYK	0.00, 0.08, 0.00, 0.07
HSL	300°, 33%, 89%
HSV	300°, 8%, 93%
XYZ	74.5452, 73.5147, 89.6177
YIQ	224.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

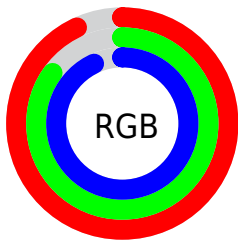
Format	Color
R _Y B	236, 217, 236
Decimal	15522284
CIE Lab	88.69, 9.84, -6.93
CIE LCh	89, 12.034, 324.860
Yxy	73.5147, 0.3136, 0.3093
Android (android.graphics.Color)	4293712364 (0xFFECD9EC)
YUV	224.8470, 5.4984, 9.7812
Hunter-Lab	85.7407, 5.1463, -1.9524

Details

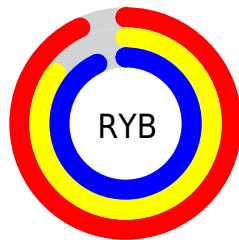
The XYZ color **74.5452, 73.5147, 89.6177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1379, 79.7544, 77.2942**, and the grayscale version is **71.4191, 75.1385, 81.8258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9809, 38.8392, 48.5695** is the 20% darker color. If you saturate the color by 10%, you get **68.8927, 62.2087, 87.7344**, and if you desaturate by 10%, it is **81.0718, 86.5667, 91.7941**.

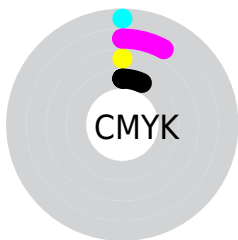
Distribution



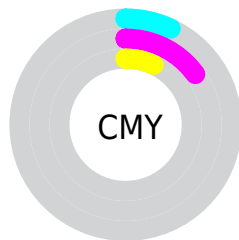
- Red (93%)
- Green (85%)
- Blue (93%)



- Red (93%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5452, 73.5147, 89.6177 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 74.5452, 73.5147, 89.6177 by changing the saturation by 10% instead.

74.5452, 73.5147,
89.6177

74.5452, 73.5147,
89.6177

465.3742,
472.7967, 547.3244

55.5332, 54.3969,
67.0917

124.6597,
124.2076, 148.7381

40.0643, 38.9191,
48.6971

156.4930,
156.5516, 186.1696

27.7732, 26.6968,
34.0153

193.3307,
194.0730, 229.4067

18.2943, 17.3456,
22.6279

235.5383,
237.1564, 278.8678

11.2625, 10.4812,
14.1163

283.4811,
286.1860, 334.9717

6.3122, 5.7192,
8.0619

337.5245,

3.0783, 2.6751,

341.5464, 398.1367

4.0463

398.0337,
403.6218, 468.7814

■ 1.1953, 0.9646,
1.6508

■ 0.1027, 0.0000,
0.3267

■ 74.5452, 73.5147,
89.6177

■ 74.5452, 73.5147,
89.6177

■ 68.8927, 62.2087,
87.7344

■ 81.0718, 86.5667,
91.7941

■ 64.0712, 52.5657,
86.1273

■ 85.4931, 95.4094,
93.2679

■ 60.0435, 44.5103,
84.7847

■ 85.4932, 95.4094,
93.2679

■ 56.7669, 37.9573,
83.6925

■ 85.4932, 95.4094,
93.2679

54.1951, 32.8138,
82.8353

85.4933, 95.4094,
93.2679

52.2764, 28.9764,
82.1957

85.4933, 95.4094,
93.2679

50.9520, 26.3277,
81.7543

85.4934, 95.4095,
93.2679

50.1528, 24.7294,
81.4879

85.4934, 95.4095,
93.2679

49.7826, 23.9891,
81.3645

85.4934, 95.4095,
93.2679

Harmonies

Analogous

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



72.2501, 73.5147, 95.4674



74.5452, 73.5147, 89.6177



75.5903, 73.5147, 81.4878

Triad

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



74.5452, 73.5147, 89.6177



70.3755, 73.5147, 65.1352



64.9232, 73.5147, 86.9659

Complementary

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



74.5452, 73.5147, 89.6177



71.1379, 79.7544, 77.2942

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.



64.4525, 73.5147, 78.6194



74.5452, 73.5147, 89.6177



67.5497, 73.5147, 66.3800

Square

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



74.5452, 73.5147, 89.6177



73.1406, 73.5147, 67.6540



65.4012, 73.5147, 71.1795



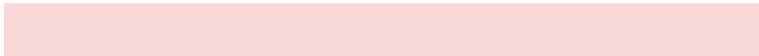
66.7052, 73.5147, 93.8635

Rectangle

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



74.5452, 73.5147, 89.6177



75.4171, 73.5147, 76.0089



65.4012, 73.5147, 71.1795



64.6085, 73.5147, 84.2215

Sweetspot

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



74.5473, 73.5179, 89.6193



93.4445, 96.7891, 108.3648



68.6534, 70.6007, 89.3669



20.0178, 20.7505, 23.2001



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.



74.5473, 73.5179, 89.6193



87.4478, 84.7957, 106.3660



73.2471, 72.9978, 82.7724



15.7149, 15.3138, 19.0498



27.4132, 13.1679, 44.8398



2.1526, 1.0340, 3.5210

Inverse Universe

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



71.9320, 72.4717, 75.8467



83.6107, 83.2609, 86.1596



72.3659, 80.2456, 83.7609



15.0655, 15.0541, 15.6304



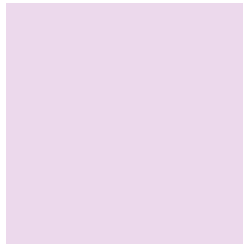
19.0678, 9.8298, 0.8924



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 74.5452, 73.5147, 89.6177 looks on a white background.

Color Contrast Check

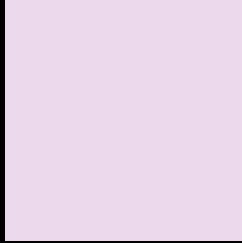
Large Text (above 18pt) WCAG AA × Fail

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 74.5452, 73.5147, 89.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

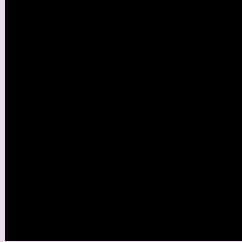
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5452, 73.5147, 89.6177

Background



This preview shows how black text looks on a background with the XYZ color 74.5452, 73.5147, 89.6177.



This preview shows how white text looks on a background with the XYZ color 74.5452, 73.5147,

89.6177.

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

74.5452, 73.5147, 89.6177

Protanopia

71.5606, 73.4745, 92.0717

Deuteranopia

74.9561, 73.3450, 89.5633



Tritanopia

74.2562, 73.3991, 88.0956

Trichromacy



Original Color

74.5452, 73.5147, 89.6177

Protanomaly

72.7044, 73.6903, 91.2806

Deuteranomaly

74.6212, 73.1724, 89.5476

Tritanomaly

74.4003, 73.4567, 88.8545

Monochromacy



Original Color

74.5452, 73.5147, 89.6177

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5772, 74.5577, 84.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5452, 73.5147, 89.6177 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(236, 217, 236) looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 236)  
}
```

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(236, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.5452, 73.5147, 89.6177 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(236, 217, 236) }
```


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

```
.border{ border-color:rgb(236, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5452, 73.5147, 89.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 236) }
```

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

```
.background{ background-color: rgb(236,  
217, 236) }
```

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