

Converting Colors

XYZ(73.7032, 73.0638, 90.3389)

Have a look what the booklet for
XYZ(73.7032, 73.0638, 90.3389)
contains.

XYZ(73.7032, 73.0638, 90.3389)	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(73.7032, 73.0638,
90.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D9ED
RGB	233, 217, 237
RGB Percent	91%, 85%, 93%
CMY	0.0863, 0.1490, 0.0706
CMYK	0.02, 0.08, 0.00, 0.07
HSL	288°, 36%, 89%
HSV	288°, 8%, 93%
XYZ	73.7032, 73.0638, 90.3389
YIQ	224.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

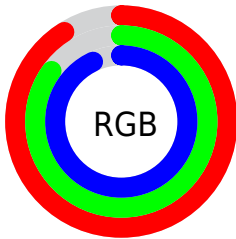
Format	Color
R _Y B	233, 217, 237
Decimal	15325677
CIE Lab	88.48, 9.02, -7.80
CIE LCh	88, 11.925, 319.165
Yxy	73.0638, 0.3108, 0.3081
Android (android.graphics.Color)	4293515757 (0xFFE9D9ED)
YUV	224.0640, 6.3774, 7.8369
Hunter-Lab	85.4774, 4.3269, -2.8280

Details

The XYZ color **73.7032, 73.0638, 90.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6301, 80.9522, 77.4467**, and the grayscale version is **70.8534, 74.5433, 81.1777**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3923, 38.5240, 49.0757** is the 20% darker color. If you saturate the color by 10%, you get **66.5015, 60.9263, 88.3768**, and if you desaturate by 10%, it is **81.8279, 86.9835, 92.5986**.

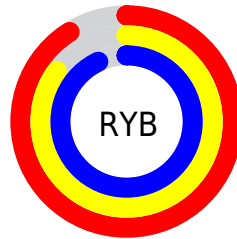
Distribution



Red (91%)

Green (85%)

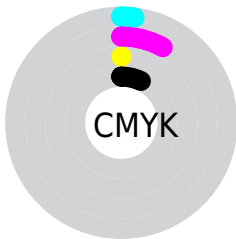
Blue (93%)



Red (91%)

Yellow (85%)

Blue (93%)

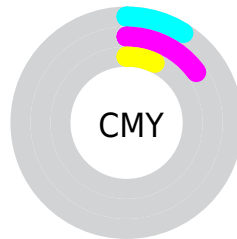


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7032, 73.0638, 90.3389 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 73.7032, 73.0638, 90.3389 by changing the saturation by 10% instead.

73.7032, 73.0638,
90.3389

73.7032, 73.0638,
90.3389

462.5145,
471.2359, 549.7312

54.8416, 54.0281,
67.6865

123.4727,
123.5678, 149.7487

39.5082, 38.6242,
49.1776

155.1114,
155.8049, 187.3431

27.3378, 26.4675,
34.3938

191.7397,
193.2112, 230.7553

17.9650, 17.1737,
22.9165

233.7231,
236.1713, 280.4037

11.0244, 10.3584,
14.3271

281.4269,
285.0694, 336.7070

6.1507, 5.6372,
8.2072

335.2166,

2.9784, 2.6258,

340.2899, 400.0836

4.1381

395.4573,
402.2173, 470.9522

■ 1.1424, 0.9396,
1.7014

■ 0.0601, 0.0000,
0.3617

■ 73.7032, 73.0638,
90.3389

■ 73.7032, 73.0638,
90.3389

■ 66.5015, 60.9263,
88.3768

■ 81.8279, 86.9835,
92.5986

■ 60.1790, 50.4869,
86.6950

■ 87.8303, 96.5974,
94.1379

■ 54.6976, 41.6689,
85.2819

■ 89.4830, 97.4494,
94.2152

■ 50.0138, 34.3859,
84.1230

■ 91.1783, 98.3233,
94.2945

■ 46.0802, 28.5434,
83.2026

■ 92.2863, 98.8945,
94.3464

■ 42.8440, 24.0364,
82.5032

■ 40.2451, 20.7454,
82.0050

■ 38.2128, 18.5292,
81.6843

■ 36.6454, 17.1852,
81.5075

Harmonies

Analogous

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



71.2719, 73.0638, 95.4309



73.7032, 73.0638, 90.3389



75.0056, 73.0638, 82.5611

Triad

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



73.7032, 73.0638, 90.3389



70.4871, 73.0638, 65.0230



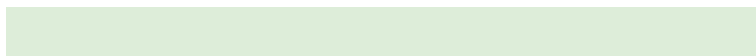
64.3631, 73.0638, 84.8547

Complementary

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



73.7032, 73.0638, 90.3389



72.6301, 80.9522, 77.4467

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.



64.1661, 73.0638, 76.6209



73.7032, 73.0638, 90.3389



67.6495, 73.0638, 65.5437

Square

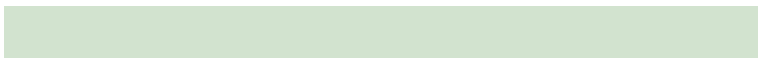
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7032, 73.0638, 90.3389



73.1151, 73.0638, 68.1886



65.3540, 73.0638, 69.6636



65.8997, 73.0638, 92.1170

Rectangle

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



73.7032, 73.0638, 90.3389



75.0350, 73.0638, 77.0638



65.3540, 73.0638, 69.6636



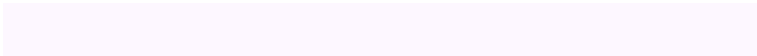
64.1397, 73.0638, 82.0974

Sweetspot

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



73.7053, 73.0669, 90.3405



92.0972, 94.9267, 108.0764



69.8489, 72.7586, 90.4842



19.5473, 20.0351, 23.0868



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.



73.7053, 73.0669, 90.3405



85.5961, 83.8411, 106.2793



74.2111, 73.4218, 86.1108



15.4025, 15.1528, 19.0352



19.9935, 9.3430, 44.4926



1.6448, 0.7722, 3.4972

Inverse Universe

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



72.7916, 72.8540, 78.6360



84.3356, 83.5508, 89.9771



72.1764, 80.6317, 81.3391



15.1886, 15.1033, 16.2787



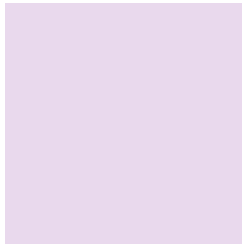
19.3895, 9.9585, 2.5866



1.5560, 0.7954, 0.3794

Previews

White Background



This preview shows how the XYZ color 73.7032, 73.0638, 90.3389 looks on a white background.

Color Contrast Check

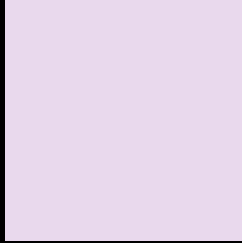
Large Text (above 18pt) WCAG AA × Fail

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 73.7032, 73.0638, 90.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

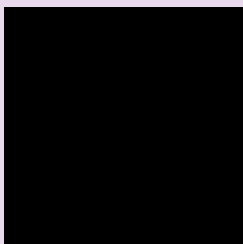
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7032, 73.0638, 90.3389

Background



This preview shows how black text looks on a background with the XYZ color 73.7032, 73.0638, 90.3389.



This preview shows how white text looks on a background with the XYZ color 73.7032, 73.0638,

90.3389.

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

73.7032, 73.0638, 90.3389

Protanopia

71.2552, 73.3170, 92.0574

Deuteranopia

74.7670, 73.2307, 90.3151



Tritanopia

73.4125, 72.9475, 88.8083

Trichromacy



Original Color

73.7032, 73.0638, 90.3389

Protanomaly

72.0772, 73.3670, 91.2513

Deuteranomaly

74.4340, 73.0590, 90.2995

Tritanomaly

73.5574, 73.0055, 89.5715

Monochromacy



Original Color

73.7032, 73.0638, 90.3389

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6779, 73.7009, 84.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7032, 73.0638, 90.3389 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, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 217, 237)  
}
```

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, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 217, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.7032, 73.0638, 90.3389 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, 217, 237) }
```


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

```
.border{ border-color:rgb(233, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 217,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7032, 73.0638, 90.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 217, 237) }
```

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

```
.background{ background-color: rgb(233,  
217, 237) }
```

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