

Converting Colors

XYZ(72.8306, 73.4561, 76.7917)

Have a look what the booklet for
XYZ(72.8306, 73.4561, 76.7917)
contains.

XYZ(72.6513, 73.2093, 76.6313)	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(72.6513, 73.2093,
76.6313)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDADA
RGB	237, 218, 218
RGB Percent	93%, 85%, 85%
CMY	0.0706, 0.1451, 0.1451
CMYK	0.00, 0.08, 0.08, 0.07
HSL	0°, 35%, 89%
HSV	0°, 8%, 93%
XYZ	72.6513, 73.2093, 76.6313
YIQ	223.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

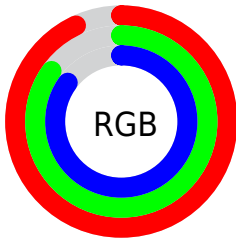
Format	Color
R _Y B	237, 218, 218
Decimal	15588058
CIE Lab	88.55, 6.53, 2.35
CIE LCh	89, 6.939, 19.822
Yxy	73.2093, 0.3265, 0.3290
Android (android.graphics.Color)	4293778138 (0xFFEDDADA)
YUV	223.6810, -2.8007, 11.6808
Hunter-Lab	85.5624, 1.8306, 6.7925

Details

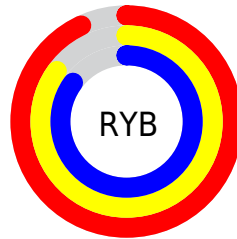
The XYZ color **72.6513, 73.2093, 76.6313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4833, 81.5866, 91.9436**, and the grayscale version is **70.6393, 74.3180, 80.9323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7641, 38.6625, 40.0698** is the 20% darker color. If you saturate the color by 10%, you get **64.0579, 60.6354, 59.5442**, and if you desaturate by 10%, it is **82.5707, 87.7237, 96.3500**.

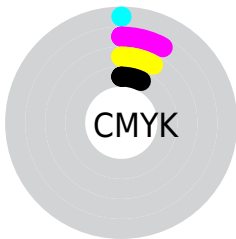
Distribution



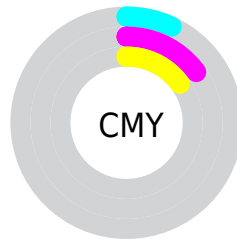
- Red (93%)
- Green (85%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6513, 73.2093, 76.6313 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 72.6513, 73.2093, 76.6313 by changing the saturation by 10% instead.

72.6513, 73.2093,
76.6313

72.6513, 73.2093,
76.6313

458.9279,
471.7399, 502.9103

53.9782, 54.1471,
56.4406

121.9879,
123.7743, 130.3871

38.8149, 38.7193,
40.1499

153.3821,
156.0459, 164.7893

26.7958, 26.5414,
27.3408

189.7474,
193.4894, 204.7658

17.5557, 17.2291,
17.5946

231.4492,
236.4893, 250.7350

10.7292, 10.3980,
10.4929

278.8527,
285.4299, 303.1155

5.9510, 5.6636,
5.6171

332.3235,

2.8557, 2.6416,

340.6956, 362.3258

2.5487

392.2268,
402.6708, 428.7846

■ 1.0779, 0.9476,
0.8658

■ 0.0065, 0.0000,
0.0000

■ 72.6513, 73.2093,
76.6313

■ 72.6513, 73.2093,
76.6313

■ 64.0579, 60.6354,
59.5442

■ 82.5707, 87.7237,
96.3500

■ 56.7286, 49.9108,
44.9729

■ 88.7354, 96.7447,
108.6045

■ 50.6056, 40.9512,
32.8003

■ 45.6242, 33.6620,
22.8977

■ 41.7139, 27.9400,
15.1247

■ 38.7962, 23.6702,
9.3253

■ 36.7818, 20.7222,
5.3219

■ 35.5657, 18.9424,
2.9056

■ 35.0027, 18.1182,
1.7873

Harmonies

Analogous

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



72.7953, 73.2093, 81.3504



72.6513, 73.2093, 76.6313



71.6778, 73.2093, 72.8835

Triad

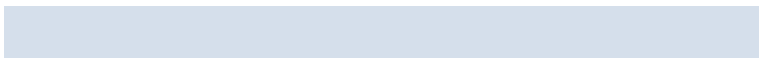
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6513, 73.2093, 76.6313



67.1560, 73.2093, 73.9193



69.0168, 73.2093, 89.1214

Complementary

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



72.6513, 73.2093, 76.6313



74.4833, 81.5866, 91.9436

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.



67.5299, 73.2093, 86.9552



72.6513, 73.2093, 76.6313



66.4670, 73.2093, 78.0967

Square

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



72.6513, 73.2093, 76.6313



68.4989, 73.2093, 71.3617



66.6028, 73.2093, 82.8752



70.6790, 73.2093, 88.6905

Rectangle

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



72.6513, 73.2093, 76.6313



70.6979, 73.2093, 71.3799



66.6028, 73.2093, 82.8752



68.4803, 73.2093, 88.6695

Sweetspot

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



72.6534, 73.2125, 76.6329



92.6345, 96.4656, 104.0977



75.2834, 74.2627, 90.4878



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



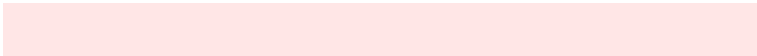
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6534, 73.2125, 76.6329



83.6122, 83.2640, 86.1600



75.1868, 78.2795, 77.4774



15.0658, 15.0546, 15.6305



19.0682, 9.8307, 0.8925



1.4974, 0.7721, 0.0701

Inverse Universe

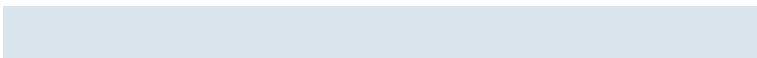
The Inverse Universe completely reimagines the original color for something new.



74.4833, 81.5866, 91.9436



86.2811, 95.4767, 108.4891



71.8065, 76.2329, 91.0513



15.5174, 17.1213, 19.4091



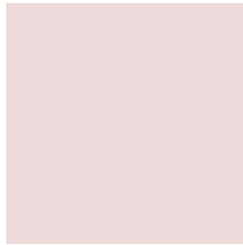
24.8714, 36.3898, 49.4560



1.9531, 2.8577, 3.8835

Previews

White Background



This preview shows how the XYZ color 72.6513, 73.2093, 76.6313 looks on a white background.

Color Contrast Check

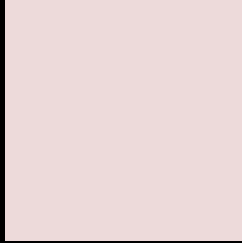
Large Text (above 18pt) WCAG AA × Fail

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 72.6513, 73.2093, 76.6313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

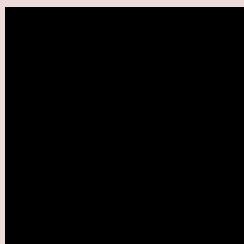
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

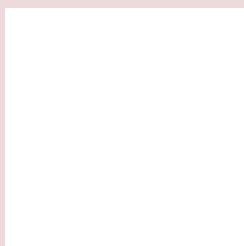
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6513, 73.2093, 76.6313

Background



This preview shows how black text looks on a background with the XYZ color 72.6513, 73.2093, 76.6313.

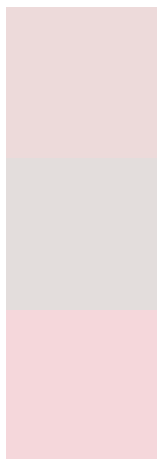


This preview shows how white text looks on a background with the XYZ color 72.6513, 73.2093,

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

72.6513, 73.2093, 76.6313

Protanopia

70.4533, 73.2111, 78.1280

Deuteranopia

74.7428, 73.1278, 77.1935



Tritanopia

74.8605, 73.3456, 87.3023

Trichromacy



Original Color

72.6513, 73.2093, 76.6313

Protanomaly

71.3344, 73.2898, 77.4045

Deuteranomaly

73.9600, 73.1035, 77.2301

Tritanomaly

74.0763, 73.4043, 83.6630

Monochromacy



Original Color

72.6513, 73.2093, 76.6313

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6192, 74.1745, 79.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6513, 73.2093, 76.6313 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(237, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 218)  
}
```

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(237, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.6513, 73.2093, 76.6313 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(237, 218, 218) }
```


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

```
.border{ border-color:rgb(237, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6513, 73.2093, 76.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 218) }
```

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

```
.background{ background-color: rgb(237,  
218, 218) }
```

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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