

Converting Colors

XYZ(75.7642, 75.4497, 91.8534)

Have a look what the booklet for
XYZ(75.7642, 75.4497, 91.8534)
contains.

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Color

**XYZ(75.7653, 75.2513,
92.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCEF
RGB	236, 220, 239
RGB Percent	93%, 86%, 94%
CMY	0.0745, 0.1372, 0.0627
CMYK	0.01, 0.08, 0.00, 0.06
HSL	291°, 37%, 90%
HSV	291°, 8%, 94%
XYZ	75.7653, 75.2513, 92.1930
YIQ	226.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

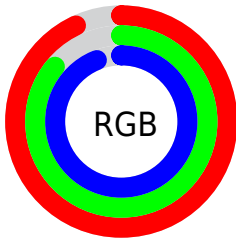
Format	Color
R _Y B	236, 220, 239
Decimal	15523055
CIE Lab	89.51, 8.82, -7.29
CIE LCh	90, 11.443, 320.399
Yxy	75.2513, 0.3115, 0.3094
Android (android.graphics.Color)	4293713135 (0xFFECDCEF)
YUV	226.9500, 5.9407, 7.9369
Hunter-Lab	86.7475, 4.0938, -2.2886

Details

The XYZ color **75.7653, 75.2513, 92.1930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2189, 82.5902, 79.7437**, and the grayscale version is **72.9357, 76.7340, 83.5633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8248, 40.0325, 50.3751** is the 20% darker color. If you saturate the color by 10%, you get **68.6966, 62.9534, 90.1930**, and if you desaturate by 10%, it is **83.7616, 89.3627, 94.4965**.

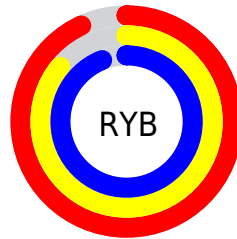
Distribution



Red (93%)

Green (86%)

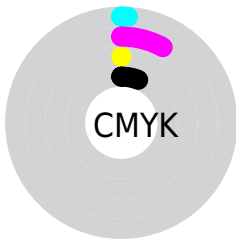
Blue (94%)



Red (93%)

Yellow (86%)

Blue (94%)

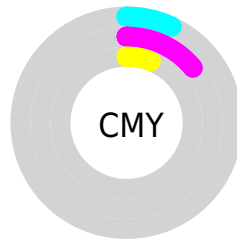


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (14%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7653, 75.2513, 92.1930 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 75.7653, 75.2513, 92.1930 by changing the saturation by 10% instead.


 75.7653, 75.2513,
92.1930

 75.7653, 75.2513,
92.1930


469.5006,
478.7809, 555.8922

 56.5365, 55.8188,
69.2170


126.3772,
126.6680, 152.3429

 40.8719, 40.0577,
50.4156


158.4910,
159.4210, 190.3538

 28.4062, 27.5835,
35.3703


195.6305,
197.3830, 234.2136

 18.7741, 18.0119,
23.6624

238.1610,
240.9383, 284.3406

 11.6102, 10.9586,
14.8735

286.4479,
290.4713, 341.1534

 6.5491, 6.0390,
8.5850

340.8566,

 3.2256, 2.8688,

346.3665, 405.0706

4.3784

401.7524,
409.0082, 476.5107

■ 1.2742, 1.0636,
1.8352

■ 0.1637, 0.0000,
0.4510

■ 75.7653, 75.2513,
92.1930

■ 75.7653, 75.2513,
92.1930

■ 68.6966, 62.9534,
90.1930

■ 83.7616, 89.3627,
94.4965

■ 62.5108, 52.3836,
88.4788

■ 88.4924, 96.9048,
95.7029

■ 57.1695, 43.4638,
87.0386

■ 89.8123, 97.5852,
95.7646

■ 52.6287, 36.1064,
85.8578

■ 91.1592, 98.2795,
95.8277

■ 48.8403, 30.2154,
84.9204

■ 92.5332, 98.9878,
95.8920

■ 45.7508, 25.6843,
84.2087

■ 92.5802, 99.0121,
95.8942

■ 43.2997, 22.3920,
83.7024

■ 41.4154, 20.1957,
83.3778

■ 40.0000, 18.9000,
83.2023

Harmonies

Analogous

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



73.4225, 75.2513, 97.3003



75.7653, 75.2513, 92.1930



76.9808, 75.2513, 84.5421

Triad

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



75.7653, 75.2513, 92.1930



72.4284, 75.2513, 67.6158



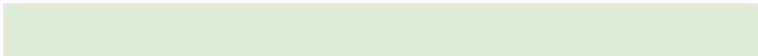
66.5820, 75.2513, 87.4444

Complementary

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



75.7653, 75.2513, 92.1930



74.2189, 82.5902, 79.7437

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.



66.3316, 75.2513, 79.3838



75.7653, 75.2513, 92.1930



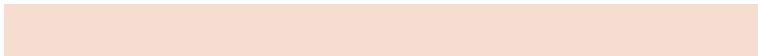
69.6587, 75.2513, 68.2805

Square

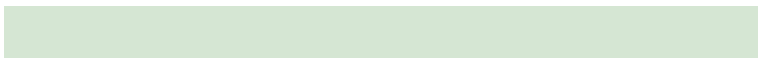
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7653, 75.2513, 92.1930



75.0212, 75.2513, 70.5900



67.4442, 75.2513, 72.4692



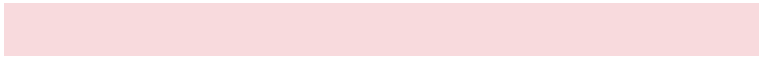
68.1374, 75.2513, 94.4367

Rectangle

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



75.7653, 75.2513, 92.1930



76.9671, 75.2513, 79.1765



67.4442, 75.2513, 72.4692



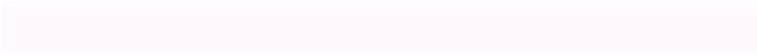
66.3440, 75.2513, 84.7586

Sweetspot

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



75.7675, 75.2545, 92.1946



93.1489, 96.6367, 108.3510



71.5306, 74.3156, 92.2367



19.9576, 20.7195, 23.1973



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.



75.7675, 75.2545, 92.1946



85.9819, 84.0400, 106.2973



75.8525, 75.4046, 87.4001



16.1948, 15.8977, 19.9366



22.0522, 10.3737, 45.9679



1.8997, 0.8966, 3.8271

Inverse Universe

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



74.5117, 74.8683, 80.3395



84.1812, 83.4891, 89.1641



74.1576, 82.4599, 84.2024



15.8746, 15.7995, 16.8957



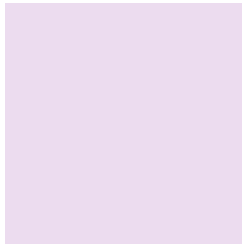
19.8931, 10.2297, 2.0879



1.6850, 0.8631, 0.3322

Previews

White Background



This preview shows how the XYZ color 75.7653, 75.2513, 92.1930 looks on a white background.

Color Contrast Check

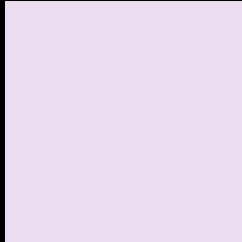
Large Text (above 18pt) WCAG AA × Fail

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 75.7653, 75.2513, 92.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

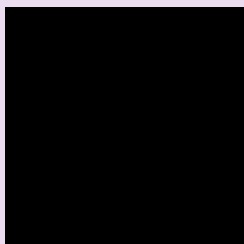
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

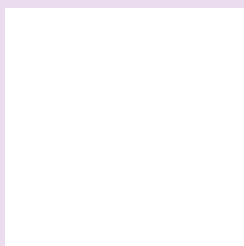
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7653, 75.2513, 92.1930

Background



This preview shows how black text looks on a background with the XYZ color 75.7653, 75.2513, 92.1930.



This preview shows how white text looks on a background with the XYZ color 75.7653, 75.2513,

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

75.7653, 75.2513, 92.1930

Protanopia

73.2733, 75.5095, 93.9320

Deuteranopia

76.5866, 74.9001, 92.0820



Tritanopia

75.6179, 75.1923, 91.4170

Trichromacy



Original Color

75.7653, 75.2513, 92.1930

Protanomaly

74.1108, 75.5606, 93.1167

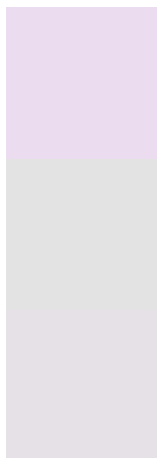
Deuteranomaly

76.5081, 75.2458, 92.1528

Tritanomaly

75.6179, 75.1923, 91.4170

Monochromacy



Original Color

75.7653, 75.2513, 92.1930

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7126, 75.9038, 86.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7653, 75.2513, 92.1930 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, 220, 239) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 239)  
}
```

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, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.7653, 75.2513, 92.1930 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, 220, 239) }
```


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

```
.border{ border-color:rgb(236, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7653, 75.2513, 92.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 239) }
```

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

```
.background{ background-color: rgb(236,  
220, 239) }
```

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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