

Converting Colors

XYZ(75.3191, 74.5254, 84.8263)

Have a look what the booklet for
XYZ(75.3191, 74.5254, 84.8263)
contains.

XYZ(75.1494, 74.3252, 84.5141)	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(75.1494, 74.3252,
84.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DAE5
RGB	240, 218, 229
RGB Percent	94%, 85%, 90%
CMY	0.0588, 0.1451, 0.1020
CMYK	0.00, 0.09, 0.05, 0.06
HSL	330°, 42%, 90%
HSV	330°, 9%, 94%
XYZ	75.1494, 74.3252, 84.5141
YIQ	225.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

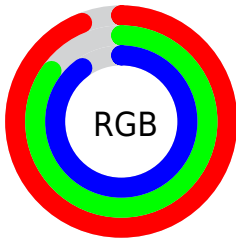
Format	Color
R _Y B	240, 218, 229
Decimal	15784677
CIE Lab	89.08, 9.43, -2.64
CIE LCh	89, 9.793, 344.374
Yxy	74.3252, 0.3212, 0.3176
Android (android.graphics.Color)	4293974757 (0xFFFF0DAE5)
YUV	225.8320, 1.5618, 12.4253
Hunter-Lab	86.2121, 4.7239, 2.2262

Details

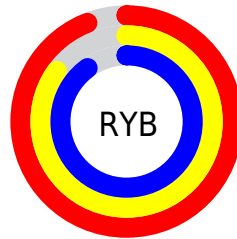
The XYZ color **75.1494, 74.3252, 84.5141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2192, 82.8846, 86.2193**, and the grayscale version is **72.1534, 75.9110, 82.6671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5043, 39.4407, 45.5224** is the 20% darker color. If you saturate the color by 10%, you get **67.7529, 62.1212, 74.0647**, and if you desaturate by 10%, it is **83.5672, 88.3843, 95.8774**.

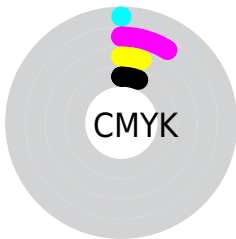
Distribution



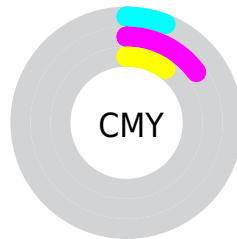
- Red (94%)
- Green (85%)
- Blue (90%)



- Red (94%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1494, 74.3252, 84.5141 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 75.1494, 74.3252, 84.5141 by changing the saturation by 10% instead.


 75.1494, 74.3252,
84.5141

 75.1494, 74.3252,
84.5141


467.4202,
475.5950, 530.1215

 56.0299, 55.0602,
62.8921


125.5106,
125.3567, 141.5622

 40.4640, 39.4500,
45.3135


157.4830,
157.8920, 177.8255

 28.0863, 27.1099,
31.3597


194.4704,
195.6196, 219.8062

 18.5315, 17.6558,
20.6121

236.8382,
238.9238, 267.9230

 11.4343, 10.7032,
12.6523

284.9517,
288.1891, 322.5944

 6.4292, 5.8676,
7.0617

339.1763,

 3.1509, 2.7647,

343.7997, 384.2389

3.4217

399.8774,
406.1403, 453.2751

■ 1.2340, 1.0102,
1.3138

■ 0.1330, 0.0000,
0.0730

■ 75.1494, 74.3252,
84.5141

■ 75.1494, 74.3252,
84.5141

■ 67.7529, 62.1212,
74.0647

■ 83.5672, 88.3843,
95.8774

■ 61.3304, 51.6846,
64.4993

■ 89.4262, 97.1377,
106.9697

■ 55.8403, 42.9349,
55.7931

■ 89.7456, 97.2655,
108.6518

■ 51.2355, 35.7817,
47.9181

■ 47.4643, 30.1260,
40.8445

■ 44.4695, 25.8576,
34.5401

■ 42.1861, 22.8510,
28.9695

■ 40.5376, 20.9575,
24.0929

■ 39.4074, 19.9490,
19.8566

Harmonies

Analogous

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



73.8972, 74.3252, 90.6752



75.1494, 74.3252, 84.5141



75.1764, 74.3252, 77.7131

Triad

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



75.1494, 74.3252, 84.5141



69.5124, 74.3252, 68.8689



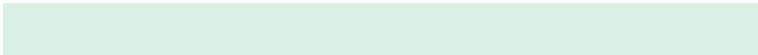
67.4188, 74.3252, 90.4566

Complementary

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



75.1494, 74.3252, 84.5141



74.2192, 82.8846, 86.2193

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.



66.2973, 74.3252, 84.2294



75.1494, 74.3252, 84.5141



67.4875, 74.3252, 71.9047

Square

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



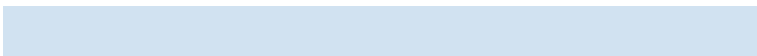
75.1494, 74.3252, 84.5141



71.8854, 74.3252, 68.9355



66.3221, 74.3252, 77.4438



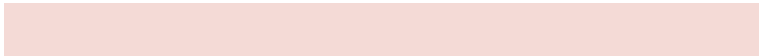
69.4168, 74.3252, 94.2353

Rectangle

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



75.1494, 74.3252, 84.5141



74.4939, 74.3252, 73.7419



66.3221, 74.3252, 77.4438



66.9288, 74.3252, 88.5654

Sweetspot

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



75.1515, 74.3284, 84.5157



92.0480, 94.9718, 104.8909



73.1154, 73.0957, 92.6943



19.5343, 20.0474, 22.2251



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.



75.1515, 74.3284, 84.5157



84.5685, 82.5200, 94.6682



73.6641, 73.7335, 76.6830



16.1024, 15.8907, 18.0953



21.5938, 10.9099, 11.0433



1.8466, 0.9277, 1.1832

Inverse Universe

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



75.1515, 74.3284, 84.5157



84.5685, 82.5200, 94.6682



75.8039, 83.5185, 94.5644



16.1024, 15.8907, 18.0953



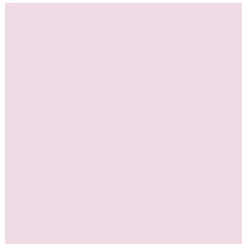
21.5938, 10.9099, 11.0433



1.8466, 0.9277, 1.1832

Previews

White Background



This preview shows how the XYZ color 75.1494, 74.3252, 84.5141 looks on a white background.

Color Contrast Check

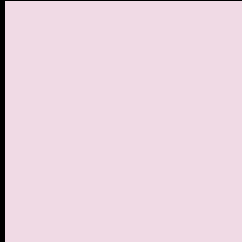
Large Text (above 18pt) WCAG AA × Fail

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 75.1494, 74.3252, 84.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

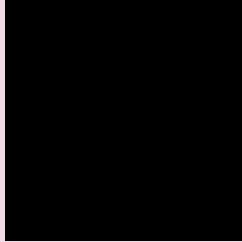
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1494, 74.3252, 84.5141

Background



This preview shows how black text looks on a background with the XYZ color 75.1494, 74.3252, 84.5141.

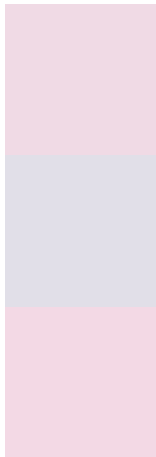


This preview shows how white text looks on a background with the XYZ color 75.1494, 74.3252,

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

75.1494, 74.3252, 84.5141

Protanopia

72.0045, 74.6091, 86.9499

Deuteranopia

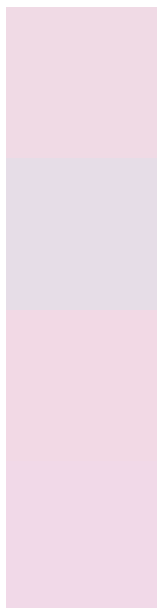
75.9179, 74.3375, 84.4760



Tritanopia

75.9398, 74.2670, 88.1744

Trichromacy



Original Color

75.1494, 74.3252, 84.5141

Protanomaly

72.9134, 74.3054, 86.1007

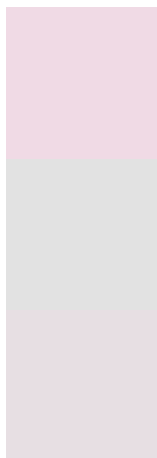
Deuteranomaly

75.5737, 74.1601, 84.4599

Tritanomaly

75.6540, 74.1527, 86.6694

Monochromacy



Original Color

75.1494, 74.3252, 84.5141

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.2078, 75.3103, 83.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1494, 74.3252, 84.5141 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(240, 218, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 229)  
}
```

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(240, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.1494, 74.3252, 84.5141 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(240, 218, 229) }
```


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

```
.border{ border-color:rgb(240, 218, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1494, 74.3252, 84.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 229) }
```

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

```
.background{ background-color: rgb(240,  
218, 229) }
```

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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