

Converting Colors

XYZ(75.4033, 75.4813, 85.3569)

Have a look what the booklet for
XYZ(75.4033, 75.4813, 85.3569)
contains.

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Color

**XYZ(75.3993, 75.6032,
85.4818)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDE6
RGB	238, 221, 230
RGB Percent	93%, 87%, 90%
CMY	0.0667, 0.1333, 0.0980
CMYK	0.00, 0.07, 0.03, 0.07
HSL	328°, 33%, 90%
HSV	328°, 7%, 93%
XYZ	75.3993, 75.6032, 85.4818
YIQ	227.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

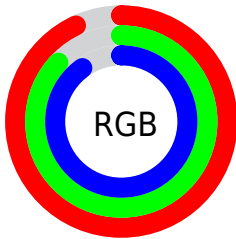
Format	Color
R _Y B	238, 221, 230
Decimal	15654374
CIE Lab	89.67, 7.36, -2.30
CIE LCh	90, 7.714, 342.620
Yxy	75.6032, 0.3188, 0.3197
Android (android.graphics.Color)	4293844454 (0xFFEEDDE6)
YUV	227.1090, 1.4253, 9.5514
Hunter-Lab	86.9501, 2.6247, 2.5763

Details

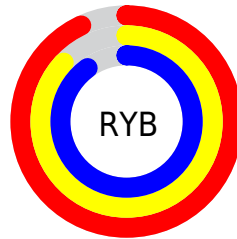
The XYZ color **75.3993, 75.6032, 85.4818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5391, 82.1804, 86.0666**, and the grayscale version is **73.0810, 76.8869, 83.7299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6655, 40.3127, 46.1953** is the 20% darker color. If you saturate the color by 10%, you get **68.0330, 63.3071, 75.5128**, and if you desaturate by 10%, it is **83.7618, 89.7278, 96.2836**.

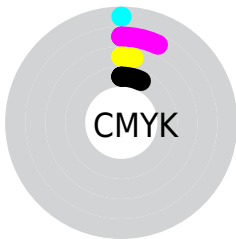
Distribution



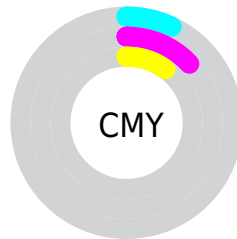
- Red (93%)
- Green (87%)
- Blue (90%)



- Red (93%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3993, 75.6032, 85.4818 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 75.3993, 75.6032, 85.4818 by changing the saturation by 10% instead.


 75.3993, 75.6032,
85.4818

 75.3993, 75.6032,
85.4818


468.2650,
479.9883, 533.4071

 56.2354, 56.1072,
63.6871


125.8623,
127.1659, 142.9263

 40.6294, 40.2889,
45.9527


157.8921,
160.0013, 179.4131

 28.2160, 27.7638,
31.8601

194.9413,
198.0520, 221.6344

 18.6299, 18.1477,
20.9908

237.3752,
241.7024, 270.0088

 11.5055, 11.0561,
12.9261

285.5592,
291.3368, 324.9547

 6.4777, 6.1046,
7.2475

339.8585,

 3.1811, 2.9088,

347.3396, 386.8907

3.5366

400.6387,
410.0953, 456.2353

■ 1.2502, 1.0843,
1.3747

■ 0.1455, 0.0000,
0.1219

■ 75.3993, 75.6032,
85.4818

■ 75.3993, 75.6032,
85.4818

■ 68.0330, 63.3071,
75.5128

■ 83.7618, 89.7278,
96.2836

■ 61.6173, 52.7544,
66.3492

■ 88.6557, 96.7515,
106.4363

■ 56.1125, 43.8677,
57.9694

■ 89.0704, 96.9174,
108.6202

■ 51.4734, 36.5601,
50.3483

■ 47.6510, 30.7366,
43.4594

■ 44.5910, 26.2919,
37.2740

■ 42.2318, 23.1069,
31.7608

■ 40.5018, 21.0415,
26.8846

■ 39.3085, 19.9148,
22.6026

Harmonies

Analogous

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



74.3591, 75.6032, 90.2550



75.3993, 75.6032, 85.4818



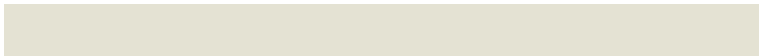
75.4804, 75.6032, 80.0557

Triad

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



75.3993, 75.6032, 85.4818



71.0639, 75.6032, 72.5318



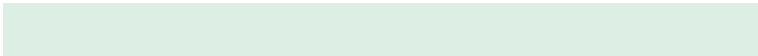
69.2055, 75.6032, 89.6038

Complementary

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



75.3993, 75.6032, 85.4818



74.5391, 82.1804, 86.0666

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.



68.3545, 75.6032, 84.6247



75.3993, 75.6032, 85.4818



69.4147, 75.6032, 74.8624

Square

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



75.3993, 75.6032, 85.4818



72.9546, 75.6032, 72.7385



68.4305, 75.6032, 79.2353



70.7736, 75.6032, 92.7059

Rectangle

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



75.3993, 75.6032, 85.4818



74.9776, 75.6032, 76.8104



68.4305, 75.6032, 79.2353



68.8273, 75.6032, 88.0849

Sweetspot

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



75.4015, 75.6065, 85.4834



93.0604, 96.6354, 106.3420



73.5838, 74.5366, 91.3988



19.9396, 20.7192, 22.7885



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.



75.4015, 75.6065, 85.4834



86.4698, 85.5450, 97.6996



74.2458, 75.1442, 79.3980



16.1224, 15.8987, 18.2009



21.8375, 11.0074, 12.3268



1.8669, 0.9358, 1.2901

Inverse Universe

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



75.4015, 75.6065, 85.4834



86.4698, 85.5450, 97.6996



75.7452, 82.6629, 92.4177



16.1224, 15.8987, 18.2009



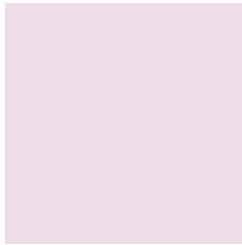
21.8375, 11.0074, 12.3268



1.8669, 0.9358, 1.2901

Previews

White Background



This preview shows how the XYZ color 75.3993, 75.6032, 85.4818 looks on a white background.

Color Contrast Check

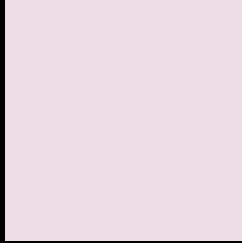
Large Text (above 18pt) WCAG AA × Fail

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 75.3993, 75.6032, 85.4818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

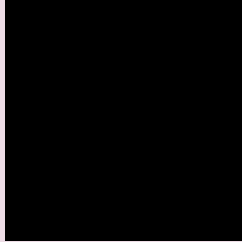
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

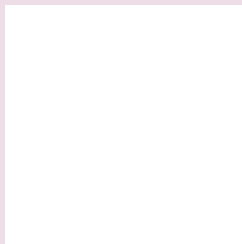
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3993, 75.6032, 85.4818

Background



This preview shows how black text looks on a background with the XYZ color 75.3993, 75.6032, 85.4818.



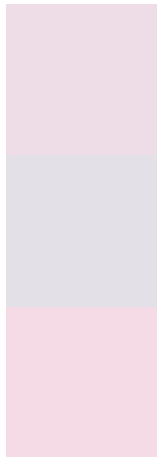
This preview shows how white text looks on a background with the XYZ color 75.3993, 75.6032,

85.4818.

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

75.3993, 75.6032, 85.4818

Protanopia

73.2161, 75.6315, 87.0834

Deuteranopia

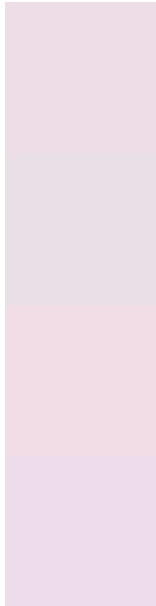
77.2706, 75.7887, 85.4190



Tritanopia

76.4759, 75.6515, 90.6923

Trichromacy



Original Color

75.3993, 75.6032, 85.4818

Protanomaly

74.0902, 75.7007, 86.3080

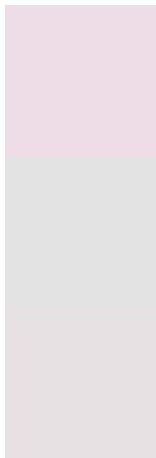
Deuteranomaly

76.4941, 75.7768, 85.4576

Tritanomaly

76.0411, 75.4776, 88.4027

Monochromacy



Original Color

75.3993, 75.6032, 85.4818

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8838, 76.4408, 84.2592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3993, 75.6032, 85.4818 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(238, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 230)  
}
```

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(238, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.3993, 75.6032, 85.4818 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(238, 221, 230) }
```


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

```
.border{ border-color:rgb(238, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3993, 75.6032, 85.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 230) }
```

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

```
.background{ background-color: rgb(238,  
221, 230) }
```

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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