

Converting Colors

XYZ(74.8595, 85.5354, 42.1092)

Have a look what the booklet for
XYZ(74.8595, 85.5354, 42.1092)
contains.

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Color

**XYZ(75.0263, 85.6013,
42.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F398
RGB	244, 243, 152
RGB Percent	96%, 95%, 60%
CMY	0.0431, 0.0470, 0.4039
CMYK	0.00, 0.00, 0.38, 0.04
HSL	59°, 81%, 78%
HSV	59°, 38%, 96%
XYZ	75.0263, 85.6013, 42.2742
YIQ	232.9250, 29.8070, -28.0890

Conversions

Conversions Part 2

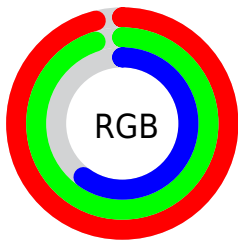
Format	Color
R_{YB}	153, 244, 152
Decimal	16053144
CIE Lab	94.14, -12.66, 43.99
CIE LCh	94, 45.779, 106.049
Yxy	85.6013, 0.3698, 0.4219
Android (android.graphics.Color)	4294243224 (0xFFFF4F398)
YUV	232.9250, -39.8960, 9.7128
Hunter-Lab	92.5210, -17.1640, 37.6742

Details

The XYZ color **75.0263, 85.6013, 42.2742** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.6691, 35.9885, 90.3908**, and the grayscale version is **77.6726, 81.7176, 88.9905**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **40.2722, 46.8806, 18.7307** is the 20% darker color. If you saturate the color by 10%, you get **73.1521, 84.7286, 32.7840**, and if you desaturate by 10%, it is **77.3160, 86.6465, 53.9330**.

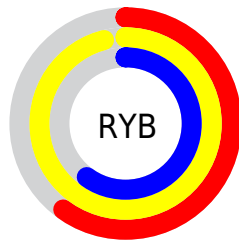
Distribution



Red (96%)

Green (95%)

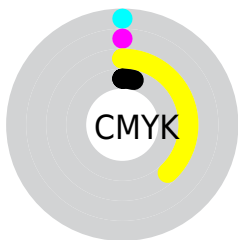
Blue (60%)



Red (60%)

Yellow (96%)

Blue (60%)

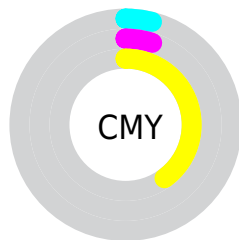


Cyan (0%)

Magenta (0%)

Yellow (38%)

Black (4%)



Cyan (4%)


Magenta (5%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0263, 85.6013, 42.2742 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 75.0263, 85.6013, 42.2742 by changing the saturation by 10% instead.


 75.0263, 85.6013,
42.2742


 75.0263, 85.6013,
42.2742


467.0037,
513.6156, 371.4515

 55.9287, 64.3383,
28.9889


 125.3373,
141.2130, 79.8890

 40.3825, 46.9248,
18.8269


 157.2814,
176.3305, 105.0556

 28.0225, 32.9762,
11.3697

194.2384,
216.8350, 135.0197

 18.4831, 22.1082,
6.1988

236.5736,
263.1108, 170.1998

 11.3992, 13.9364,
2.8956

284.6523,
315.5424, 211.0145

 6.4053, 8.0765,
1.0416

338.8401,

 3.1360, 4.1439,

374.5141, 257.8823

0.0000

399.5021,
440.4104, 311.2218

■ 1.2261, 1.7544,
0.0000

■ 0.1268, 0.4585,
0.0000

■ 75.0263, 85.6013,
42.2742

■ 75.0263, 85.6013,
42.2742

■ 73.1521, 84.7286,
32.7840

■ 77.3160, 86.6465,
53.9330

■ 71.6616, 84.0065,
25.3233


■ 80.0380, 87.8617,
67.8773


■ 70.5287, 83.4276,
19.7454


■ 83.2161, 89.2596,
84.2221


■ 69.7215, 82.9792,
15.8817


■ 86.8701, 90.8480,
103.0731


 69.2022, 82.6461,
13.5334


 87.8064, 91.3495,
107.6121


 68.9203, 82.4082,
12.4348

 87.8859, 91.5085,
107.6386

 68.8716, 82.3600,
12.2671

 87.9655, 91.6676,
107.6651

 88.0452, 91.8271,
107.6917

 88.1250, 91.9867,
107.7183

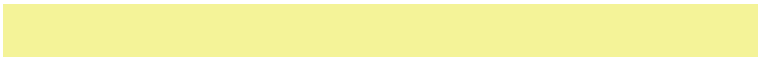
Harmonies

Analogous

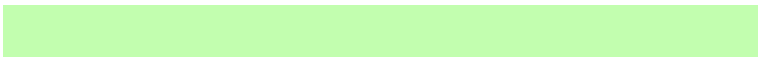
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1687, 85.6013, 41.8981



75.0263, 85.6013, 42.2742



65.5656, 85.6013, 53.8129

Triad

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



75.0263, 85.6013, 42.2742



66.0950, 85.6013, 150.6442



106.4083, 85.6013, 110.4189

Complementary

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



75.0263, 85.6013, 42.2742



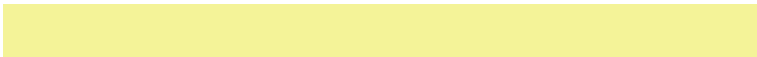
40.6691, 35.9885, 90.3908

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.



99.5100, 85.6013, 148.2524



75.0263, 85.6013, 42.2742



75.8180, 85.6013, 175.1234

Square

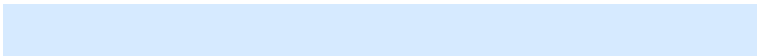
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0263, 85.6013, 42.2742



60.7736, 85.6013, 113.1107



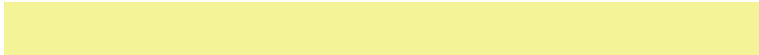
88.0436, 85.6013, 174.1521



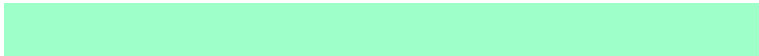
106.1416, 85.6013, 75.7839

Rectangle

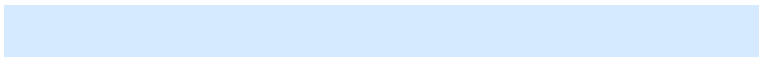
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0263, 85.6013, 42.2742



61.6913, 85.6013, 68.4319



88.0436, 85.6013, 174.1521



104.8228, 85.6013, 123.3344

Sweetspot

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



75.0284, 85.6052, 42.2760



90.7617, 98.1302, 86.7942



54.3310, 44.0081, 36.0005



19.3231, 20.9584, 18.0442



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.



75.0284, 85.6052, 42.2760



81.3581, 93.8928, 38.7428



61.7137, 79.1837, 41.7383



17.8985, 19.2810, 17.5758



37.4557, 44.7970, 6.6726



3.2969, 3.9469, 0.5881

Inverse Universe

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



40.6691, 35.9885, 90.3908



38.5046, 32.0115, 98.7572



50.4447, 40.7876, 90.8019



15.5955, 15.9554, 20.8003



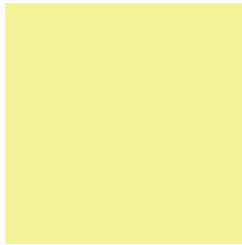
8.9007, 3.5952, 46.7628



0.7872, 0.3259, 4.1116

Previews

White Background



This preview shows how the XYZ color 75.0263, 85.6013, 42.2742 looks on a white background.

Color Contrast Check

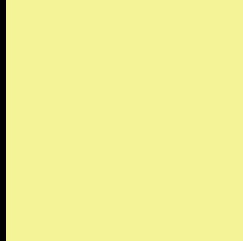
Large Text (above 18pt) WCAG AA × Fail

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 75.0263, 85.6013, 42.2742 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 75.0263, 85.6013, 42.2742

Background



This preview shows how black text looks on a background with the XYZ color 75.0263, 85.6013, 42.2742.

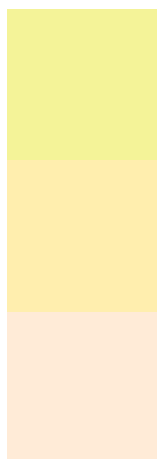


This preview shows how white text looks on a background with the XYZ color 75.0263, 85.6013,

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

75.0263, 85.6013, 42.2742

Protanopia

79.4545, 85.4651, 52.3531

Deuteranopia

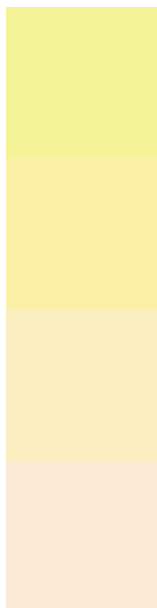
83.2141, 85.5830, 76.4233



Tritanopia

86.9148, 85.2514, 101.4968

Trichromacy



Original Color

75.0263, 85.6013, 42.2742

Protanomaly

77.8267, 85.5826, 48.4936

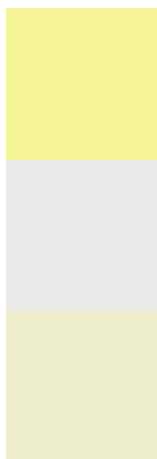
Deuteranomaly

79.8726, 85.4641, 62.1556

Tritanomaly

81.6296, 84.7809, 75.6803

Monochromacy



Original Color

75.0263, 85.6013, 42.2742

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.1083, 82.9325, 69.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0263, 85.6013, 42.2742 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(244, 243, 152)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 152)  
}
```

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(244, 243, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 152) }
```

Border

The CSS property to change the border of an element to XYZ 75.0263, 85.6013, 42.2742 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(244, 243, 152) }
```


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

```
.border{ border-color:rgb(244, 243, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 152);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0263, 85.6013, 42.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 152) }
```

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

```
.background{ background-color: rgb(244,  
243, 152) }
```

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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