

Converting Colors

XYZ(96.6806, 92.5215, 38.3499)

Have a look what the booklet for
XYZ(96.6806, 92.5215, 38.3499)
contains.

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Color

**XYZ(75.2614, 81.4908,
37.3538)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE98E
RGB	255, 233, 142
RGB Percent	100%, 91%, 56%
CMY	0.0000, 0.0862, 0.4431
CMYK	0.00, 0.09, 0.44, 0.00
HSL	48°, 100%, 78%
HSV	48°, 44%, 100%
XYZ	75.2614, 81.4908, 37.3538
YIQ	229.2040, 42.3230, -23.6370

Conversions

Conversions Part 2

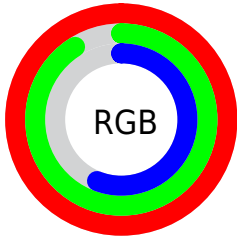
Format	Color
R_{YB}	169, 255, 142
Decimal	16771470
CIE _{Lab}	92.35, -4.45, 46.80
CIE _{LCh}	92, 47.012, 95.432
Yxy	81.4908, 0.3877, 0.4198
Android (android.graphics.Color)	4294961550 (0xFFFFE98E)
YUV	229.2040, -42.9916, 22.6231
Hunter-Lab	90.2723, -9.1582, 38.6569

Details

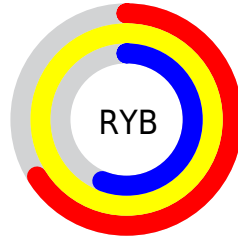
The XYZ color **75.2614, 81.4908, 37.3538** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.4805, 39.5205, 99.9968**, and the grayscale version is **74.9130, 78.8143, 85.8288**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **40.5308, 44.3147, 16.0903** is the 20% darker color. If you saturate the color by 10%, you get **72.1770, 78.0433, 27.9365**, and if you desaturate by 10%, it is **78.8273, 85.2001, 49.0940**.

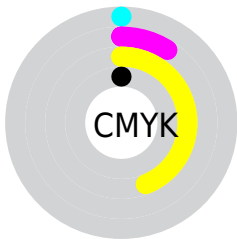
Distribution



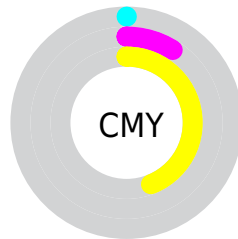
- Red (100%)
- Green (91%)
- Blue (56%)



- Red (66%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (9%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2614, 81.4908, 37.3538 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 75.2614, 81.4908, 37.3538 by changing the saturation by 10% instead.


 75.2614, 81.4908,
37.3538

 75.2614, 81.4908,
37.3538


467.7989,
499.9428, 350.0545

 56.1220, 60.9459,
25.1836


 125.6682,
135.4597, 72.3090

 40.5381, 44.1815,
15.9936


 157.6664,
169.6525, 95.9311

 28.1444, 30.8132,
9.3653


194.6815,
209.1634, 124.2075

 18.5756, 20.4567,
4.8802

237.0789,
254.3767, 157.5569

 11.4662, 12.7274,
2.1196

285.2240,
305.6770, 196.3978

 6.4509, 7.2411,
0.6274

339.4822,

 3.1644, 3.6134,

363.4485, 241.1486

0.0000

400.2187,
428.0756, 292.2280

■ 1.2413, 1.4597,
0.0000

■ 0.1386, 0.2601,
0.0000

■ 75.2614, 81.4908,
37.3538

■ 75.2614, 81.4908,
37.3538

■ 72.1770, 78.0433,
27.9365

■ 78.8273, 85.2001,
49.0940

■ 69.5375, 74.8335,
20.6774

■ 82.8964, 89.1714,
63.2963

■ 67.3104, 71.8510,
15.3987

■ 87.4962, 93.4193,
80.0952

■ 65.4559, 69.0791,
11.8914

■ 92.6504, 97.9536,
99.6138

■ 63.9250, 66.4978, 95.0499, 100.0000,
9.8997 108.9000

■ 63.1593, 65.0988,
9.2365

Harmonies

Analogous

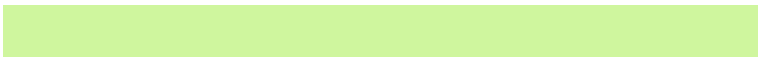
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5924, 81.4908, 40.6858



75.2614, 81.4908, 37.3538



64.6702, 81.4908, 44.5743

Triad

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



75.2614, 81.4908, 37.3538



59.9163, 81.4908, 133.5067



100.7344, 81.4908, 119.5977

Complementary

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



75.2614, 81.4908, 37.3538



42.4805, 39.5205, 99.9968

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.



91.8216, 81.4908, 155.2696



75.2614, 81.4908, 37.3538



68.1307, 81.4908, 164.6614

Square

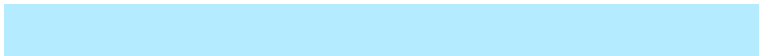
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2614, 81.4908, 37.3538



56.4246, 81.4908, 95.2232



79.6899, 81.4908, 173.5198



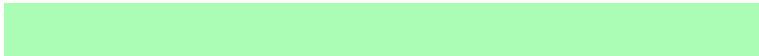
103.1514, 81.4908, 82.5382

Rectangle

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



75.2614, 81.4908, 37.3538



59.7461, 81.4908, 55.8901



79.6899, 81.4908, 173.5198



98.3562, 81.4908, 132.4234

Sweetspot

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



75.2634, 81.4946, 37.3555



88.1408, 93.9981, 82.4998



57.6687, 43.3089, 40.7277



18.6350, 19.9118, 16.7987



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

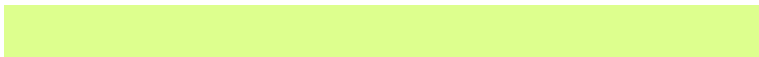
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2634, 81.4946, 37.3555



72.5561, 78.4824, 29.0461



70.4921, 88.8609, 39.0288



19.2431, 20.4545, 19.0782



33.1087, 34.2286, 4.8618



3.2970, 3.4793, 0.4978

Inverse Universe

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



42.4805, 39.5205, 99.9968



36.0777, 31.8079, 98.8458



45.6057, 35.7855, 99.1112



17.2891, 17.9499, 22.8034



10.1001, 5.1097, 49.8885



1.0548, 0.6403, 4.8813

Previews

White Background



This preview shows how the XYZ color 75.2614, 81.4908, 37.3538 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 75.2614, 81.4908, 37.3538 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 75.2614, 81.4908, 37.3538

Background



This preview shows how black text looks on a background with the XYZ color 75.2614, 81.4908, 37.3538.



This preview shows how white text looks on a background with the XYZ color 75.2614, 81.4908,

37.3538.

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

75.2614, 81.4908, 37.3538

Protanopia

75.2614, 81.4908, 37.3538

Deuteranopia

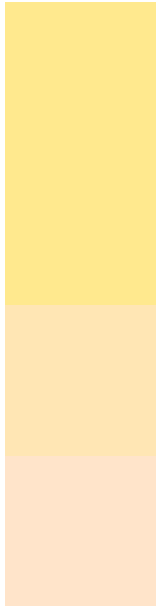
79.9200, 81.5629, 67.4081



Tritanopia

83.4513, 81.2249, 91.4004

Trichromacy



Original Color

75.2614, 81.4908, 37.3538

Protanomaly

75.2614, 81.4908, 37.3538

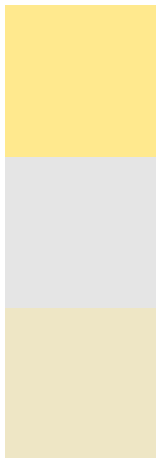
Deuteranomaly

77.7750, 81.1489, 54.7441

Tritanomaly

79.6441, 81.0111, 67.3161

Monochromacy



Original Color

75.2614, 81.4908, 37.3538

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6348, 78.8020, 64.1527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2614, 81.4908, 37.3538 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(255, 233, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 142)  
}
```

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(255, 233, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 142) }
```

Border

The CSS property to change the border of an element to XYZ 75.2614, 81.4908, 37.3538 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(255, 233, 142) }
```


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

```
.border{ border-color:rgb(255, 233, 142) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2614, 81.4908, 37.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 142) }
```

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

```
.background{ background-color: rgb(255,  
233, 142) }
```

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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