

Converting Colors

XYZ(94.5398, 87.3515, 35.6718)

Have a look what the booklet for
XYZ(94.5398, 87.3515, 35.6718)
contains.

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Color

**XYZ(72.1430, 75.8415,
34.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF89
RGB	255, 223, 137
RGB Percent	100%, 87%, 54%
CMY	0.0000, 0.1255, 0.4627
CMYK	0.00, 0.13, 0.46, 0.00
HSL	44°, 100%, 77%
HSV	44°, 46%, 100%
XYZ	72.1430, 75.8415, 34.5034
YIQ	222.7640, 46.6780, -19.9620

Conversions

Conversions Part 2

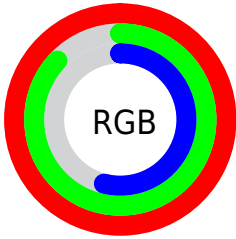
Format	Color
R _Y B	181, 255, 137
Decimal	16768905
CIE Lab	89.79, 0.12, 46.04
CIE LCh	90, 46.037, 89.848
Yxy	75.8415, 0.3953, 0.4156
Android (android.graphics.Color)	4294958985 (0xFFFFDF89)
YUV	222.7640, -42.2817, 28.2710
Hunter-Lab	87.0870, -4.5327, 37.4705

Details

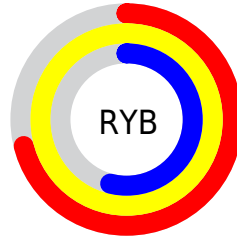
The XYZ color **72.1430, 75.8415, 34.5034** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.5540, 40.9128, 100.2615**, and the grayscale version is **70.2408, 73.8987, 80.4757**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **38.4073, 40.3969, 14.3674** is the 20% darker color. If you saturate the color by 10%, you get **68.7165, 71.5780, 25.3786**, and if you desaturate by 10%, it is **76.0809, 80.4359, 45.9328**.

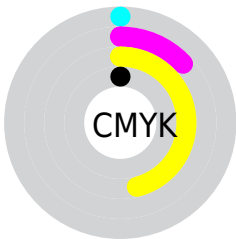
Distribution



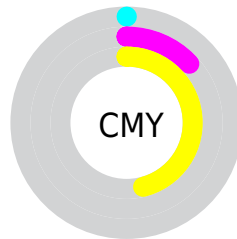
- Red (100%)
- Green (87%)
- Blue (54%)



- Red (71%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1430, 75.8415, 34.5034 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 72.1430, 75.8415, 34.5034 by changing the saturation by 10% instead.


 72.1430, 75.8415,
34.5034

 72.1430, 75.8415,
34.5034


457.1891,
480.8050, 337.2083


 53.5614, 56.3025,
23.0001


 121.2695,
127.5028, 67.8586

 38.4804, 40.4455,
14.3883


 152.5451,
160.3940, 90.5475

 26.5346, 27.8861,
8.2494


 188.7828,
198.5047, 117.8021

 17.3588, 18.2398,
4.1649

230.3478,
242.2193, 150.0408

 10.5875, 11.1223,
1.7162

277.6056,
291.9223, 187.6823

 5.8554, 6.1492,
0.3718

330.9215,

 2.7972, 2.9360,

347.9979, 231.1450

0.0000

390.6609,
410.8307, 280.8475

■ 1.0474, 1.0984,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1430, 75.8415,
34.5034

■ 72.1430, 75.8415,
34.5034

■ 68.7165, 71.5780,
25.3786

■ 76.0809, 80.4359,
45.9328

■ 65.7641, 67.6206,
18.3906

■ 80.5535, 85.3634,
59.8094

■ 63.2516, 63.9570,
13.3562

■ 85.5890, 90.6396,
76.2698

■ 61.1371, 60.5690,
10.0590

■ 91.2119, 96.2756,
95.4388

■ 59.3687, 57.4343,
8.2297

95.0499, 99.9999,
108.9000

■ 58.7694, 56.3191,
7.7732

Harmonies

Analogous

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



83.6177, 75.8415, 39.4512



72.1430, 75.8415, 34.5034



61.7552, 75.8415, 39.3499

Triad

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



72.1430, 75.8415, 34.5034



54.7575, 75.8415, 117.7733



92.6609, 75.8415, 118.1377

Complementary

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



72.1430, 75.8415, 34.5034



42.5540, 40.9128, 100.2615

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.



83.5070, 75.8415, 149.5543



72.1430, 75.8415, 34.5034



61.6648, 75.8415, 149.3080

Square

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



72.1430, 75.8415, 34.5034



52.3815, 75.8415, 82.4128



72.0272, 75.8415, 162.2198



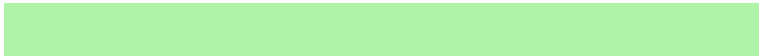
96.1974, 75.8415, 82.7445

Rectangle

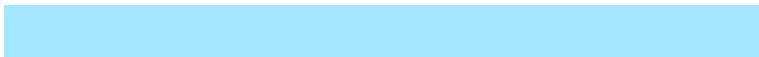
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1430, 75.8415, 34.5034



56.6514, 75.8415, 48.4642



72.0272, 75.8415, 162.2198



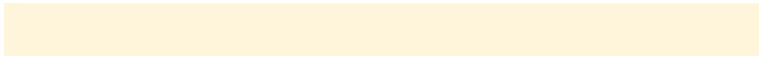
90.0945, 75.8415, 129.8178

Sweetspot

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



72.1448, 75.8451, 34.5049



86.8152, 91.8892, 80.3858



57.4828, 42.0707, 43.3371



18.3328, 19.4142, 16.3691



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.



72.1448, 75.8451, 34.5049



68.8040, 71.6908, 25.5990



72.7270, 90.0554, 37.2171



19.1202, 20.2087, 19.0373



30.8388, 29.6889, 4.1051



3.0934, 3.0722, 0.4299

Inverse Universe

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



42.5540, 40.9128, 100.2615



35.8110, 32.7846, 99.0484



42.0120, 32.8530, 98.7344



17.4037, 18.1790, 22.8416



10.6530, 6.2156, 50.0728



1.1232, 0.7771, 4.9041

Previews

White Background



This preview shows how the XYZ color 72.1430, 75.8415, 34.5034 looks on a white background.

Color Contrast Check

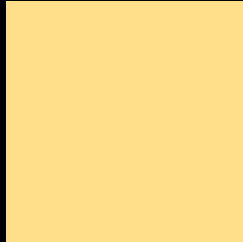
Large Text (above 18pt) WCAG AA × Fail

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 72.1430, 75.8415, 34.5034 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 72.1430, 75.8415, 34.5034

Background



This preview shows how black text looks on a background with the XYZ color 72.1430, 75.8415, 34.5034.



This preview shows how white text looks on a background with the XYZ color 72.1430, 75.8415,

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

72.1430, 75.8415, 34.5034

Protanopia

70.1416, 76.0018, 35.0177

Deuteranopia

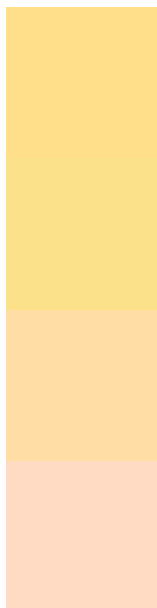
75.1737, 75.7826, 54.3815



Tritanopia

79.7995, 75.9732, 83.8572

Trichromacy



Original Color

72.1430, 75.8415, 34.5034

Protanomaly

70.9370, 76.0094, 34.9773

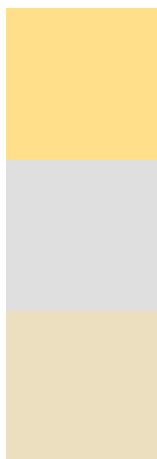
Deuteranomaly

73.8880, 75.6895, 46.3125

Tritanomaly

76.4218, 75.8632, 62.2449

Monochromacy



Original Color

72.1430, 75.8415, 34.5034

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1631, 74.2433, 60.5016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1430, 75.8415, 34.5034 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, 223, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 137)  
}
```

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, 223, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 137) }
```

Border

The CSS property to change the border of an element to XYZ 72.1430, 75.8415, 34.5034 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, 223, 137) }
```


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

```
.border{ border-color:rgb(255, 223, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1430, 75.8415, 34.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 137) }
```

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

```
.background{ background-color: rgb(255,  
223, 137) }
```

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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