

Converting Colors

XYZ(69.9981, 75.9444, 34.2620)

Have a look what the booklet for
XYZ(69.9981, 75.9444, 34.2620)
contains.

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Color

**XYZ(69.9981, 75.9444,
34.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E288
RGB	247, 226, 136
RGB Percent	97%, 89%, 53%
CMY	0.0314, 0.1137, 0.4667
CMYK	0.00, 0.08, 0.45, 0.03
HSL	49°, 87%, 75%
HSV	49°, 45%, 97%
XYZ	69.9981, 75.9444, 34.2620
YIQ	222.0190, 41.4060, -23.5380

Conversions

Conversions Part 2

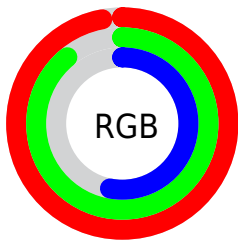
Format	Color
R_{YB}	162, 247, 136
Decimal	16245384
CIE _{Lab}	89.83, -4.65, 46.44
CIE _{LCh}	90, 46.670, 95.718
Yxy	75.9444, 0.3884, 0.4214
Android (android.graphics.Color)	4294435464 (0xFFFF7E288)
YUV	222.0190, -42.4074, 21.9083
Hunter-Lab	87.1461, -9.1296, 37.6920

Details

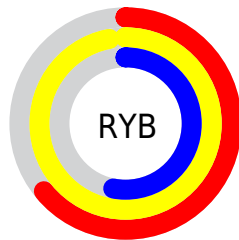
The XYZ color **69.9981, 75.9444, 34.2620** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.9986, 36.0626, 92.9010**, and the grayscale version is **69.7158, 73.3465, 79.8743**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **37.1494, 40.5847, 14.2632** is the 20% darker color. If you saturate the color by 10%, you get **67.1886, 72.8183, 25.6406**, and if you desaturate by 10%, it is **73.2504, 79.3086, 45.0283**.

Distribution



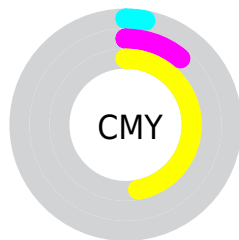
- Red (97%)
- Green (89%)
- Blue (53%)



- Red (64%)
- Yellow (97%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9981, 75.9444, 34.2620 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 69.9981, 75.9444, 34.2620 by changing the saturation by 10% instead.

69.9981, 75.9444,
34.2620

69.9981, 75.9444,
34.2620

449.8099,
481.1573, 336.1035

51.8046, 56.3869,
22.8160

118.2323,
127.6483, 67.4794

37.0730, 40.5132,
14.2536

149.0037,
160.5635, 90.0879

25.4379, 27.9389,
8.1565

184.6985,
198.7001, 117.2543

16.5341, 18.2796,
4.1061

225.6820,
242.4425, 149.3971

9.9961, 11.1509,
1.6837

272.3195,
292.1750, 186.9349

5.4586, 6.1684,
0.3495

324.9764,

2.5563, 2.9478,

348.2820, 230.2862

0.0000

384.0181,
411.1480, 279.8695

■ 0.9237, 1.1045,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9981, 75.9444,
34.2620

■ 69.9981, 75.9444,
34.2620

■ 67.1886, 72.8183,
25.6406

■ 73.2504, 79.3086,
45.0283

■ 64.7879, 69.9079,
19.0108


■ 76.9658, 82.9110,
58.0690


■ 62.7659, 67.2035,
14.2069


■ 81.1698, 86.7652,
73.5091


■ 61.0852, 64.6896,
11.0338


■ 85.8843, 90.8801,
91.4629

 59.7001, 62.3477,
9.2519

 90.3963, 94.9712,
108.1746

 59.0777, 61.2140,
8.7018

 91.8611, 97.9009,
108.6629

 92.1678, 98.5142,
108.7651

Harmonies

Analogous

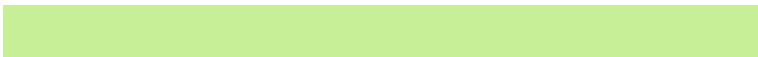
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6820, 75.9444, 37.2914



69.9981, 75.9444, 34.2620



60.0065, 75.9444, 41.1337

Triad

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



69.9981, 75.9444, 34.2620



55.6485, 75.9444, 125.5369



94.3189, 75.9444, 111.6228

Complementary

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



69.9981, 75.9444, 34.2620



38.9986, 36.0626, 92.9010

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.



85.9042, 75.9444, 145.6416



69.9981, 75.9444, 34.2620



63.4503, 75.9444, 155.0566

Square

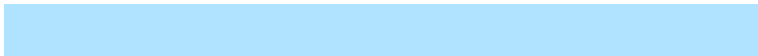
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9981, 75.9444, 34.2620



52.3068, 75.9444, 89.1742



74.4126, 75.9444, 163.2524



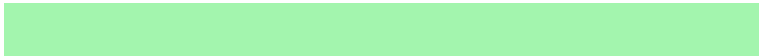
96.5470, 75.9444, 76.5290

Rectangle

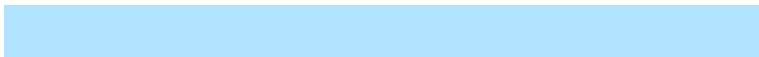
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9981, 75.9444, 34.2620



55.3813, 75.9444, 51.8536



74.4126, 75.9444, 163.2524



92.0793, 75.9444, 123.8247

Sweetspot

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



70.0000, 75.9479, 34.2636



88.1970, 94.1105, 82.5185



53.3513, 39.8588, 37.3206



18.6490, 19.9398, 16.8034



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

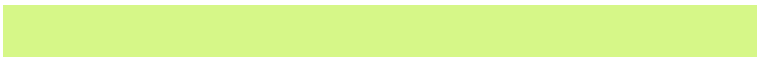
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0000, 75.9479, 34.2636



72.4756, 78.5656, 28.2671



65.3492, 82.5503, 35.7831



17.6327, 18.7495, 17.4872



31.3435, 32.5725, 4.6351



2.8219, 2.9970, 0.4298

Inverse Universe

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



38.9986, 36.0626, 92.9010



35.3007, 30.7711, 98.6866



42.0201, 32.7929, 92.1106



15.8348, 16.4338, 20.8800



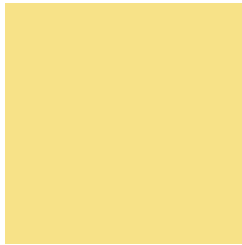
9.4861, 4.7659, 46.9580



0.9011, 0.5536, 4.1496

Previews

White Background



This preview shows how the XYZ color 69.9981, 75.9444, 34.2620 looks on a white background.

Color Contrast Check

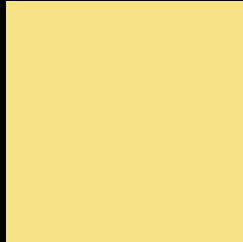
Large Text (above 18pt) WCAG AA × Fail

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 69.9981, 75.9444, 34.2620 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 69.9981, 75.9444, 34.2620

Background



This preview shows how black text looks on a background with the XYZ color 69.9981, 75.9444, 34.2620.



This preview shows how white text looks on a background with the XYZ color 69.9981, 75.9444,

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

69.9981, 75.9444, 34.2620

Protanopia

69.9981, 75.9444, 34.2620

Deuteranopia

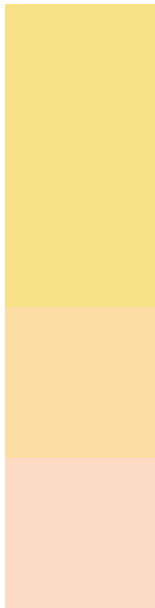
75.1737, 75.7826, 54.3815



Tritanopia

79.9642, 75.6304, 85.9849

Trichromacy



Original Color

69.9981, 75.9444, 34.2620

Protanomaly

69.9981, 75.9444, 34.2620

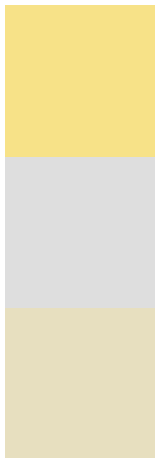
Deuteranomaly

73.0577, 75.6546, 46.3496

Tritanomaly

75.4402, 75.3440, 62.7913

Monochromacy



Original Color

69.9981, 75.9444, 34.2620

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7466, 73.5259, 59.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9981, 75.9444, 34.2620 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(247, 226, 136)` looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 136)  
}
```

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(247, 226, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 136) }
```

Border

The CSS property to change the border of an element to XYZ 69.9981, 75.9444, 34.2620 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(247, 226, 136) }
```


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

```
.border{ border-color:rgb(247, 226, 136) }
```

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

Here you see how a box with a 4 pixel rgb(247, 226, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 136);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9981, 75.9444, 34.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 136) }
```

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

```
.background{ background-color: rgb(247,  
226, 136) }
```

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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