

Converting Colors

XYZ(103.9395, 93.5507,
45.8474)

Have a look what the booklet for
XYZ(103.9395, 93.5507, 45.8474)
contains.

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Color

**XYZ(75.0542, 78.7362,
44.4995)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE3A0 |
| RGB | 255, 227, 160 |
| RGB Percent | 100%, 89%, 63% |
| CMY | 0.0000, 0.1098, 0.3725 |
| CMYK | 0.00, 0.11, 0.37, 0.00 |
| HSL | 42°, 100%, 81% |
| HSV | 42°, 37%, 100% |
| XYZ | 75.0542, 78.7362, 44.4995 |
| YIQ | 227.7340, 38.1950, -14.9010 |

Conversions

Conversions Part 2

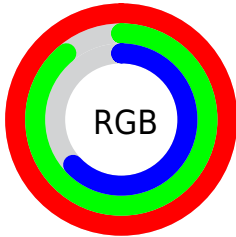
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 200, 255, 160 |
| Decimal | 16769952 |
| CIE _{Lab} | 91.11, 0.45, 36.26 |
| CIE _{LCh} | 91, 36.263, 89.293 |
| Yxy | 78.7362, 0.3785, 0.3971 |
| Android (android.graphics.Color) | 4294960032 (0xFFFFE3A0) |
| YUV | 227.7340, -33.3929, 23.9123 |
| Hunter-Lab | 88.7334, -4.3012, 32.3797 |

Details

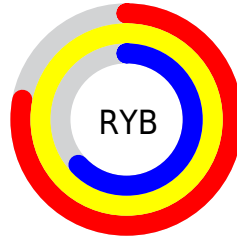
The XYZ color **75.0542, 78.7362, 44.4995** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5299, 50.6583, 101.7225**, and the grayscale version is **73.7668, 77.6084, 84.5156**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **40.4853, 42.4581, 20.2488** is the 20% darker color. If you saturate the color by 10%, you get **71.0383, 73.9156, 33.2613**, and if you desaturate by 10%, it is **79.6213, 83.9266, 58.1803**.

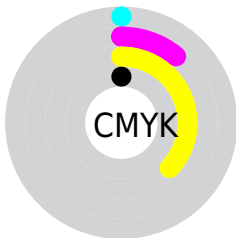
Distribution



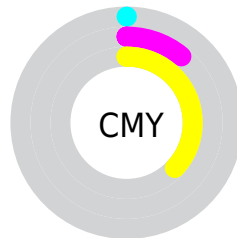
- Red (100%)
- Green (89%)
- Blue (63%)



- Red (78%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0542, 78.7362, 44.4995 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 75.0542, 78.7362, 44.4995 by changing the saturation by 10% instead.


 75.0542, 78.7362,
44.4995


 75.0542, 78.7362,
44.4995


467.0981,
490.6635, 380.8436

 55.9516, 58.6789,
30.7233


 125.3766,
131.5874, 83.2793

 40.4010, 42.3547,
20.1316


 157.3271,
165.1502, 109.1200

 28.0369, 29.3791,
12.3057


194.2910,
203.9835, 139.8193

 18.4941, 19.3678,
6.8272

236.6336,
248.4719, 175.7958

 11.4071, 11.9364,
3.2774

284.7202,
298.9997, 217.4679

 6.4107, 6.7004,
1.2380

338.9163,

 3.1394, 3.2754,

355.9513, 265.2542

0.0101

399.5872,
419.7111, 319.5732

■ 1.2279, 1.2772,
0.0000

■ 0.1282, 0.1234,
0.0000

■ 75.0542, 78.7362,
44.4995

■ 75.0542, 78.7362,
44.4995

■ 71.0383, 73.9156,
33.2613

■ 79.6213, 83.9266,
58.1803

■ 67.5384, 69.4402,
24.3122

■ 84.7606, 89.4883,
74.4350

■ 64.5241, 65.2989,
17.4888

■ 90.4990, 95.4366,
93.3912

■ 61.9586, 61.4752,
12.6036

95.0500, 100.0000,
108.9000

■ 59.7990, 57.9499,
9.4363

■ 57.9902, 54.6990,
7.7026

■ 57.5326, 53.8452,
7.3609

Harmonies

Analogous

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



84.2067, 78.7362, 49.2285



75.0542, 78.7362, 44.4995



66.5362, 78.7362, 48.7992

Triad

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



75.0542, 78.7362, 44.4995



60.4873, 78.7362, 112.8886



91.0441, 78.7362, 114.1903

Complementary

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



75.0542, 78.7362, 44.4995



50.5299, 50.6583, 101.7225

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.



83.7997, 78.7362, 137.7456



75.0542, 78.7362, 44.4995



66.1883, 78.7362, 136.8925

Square

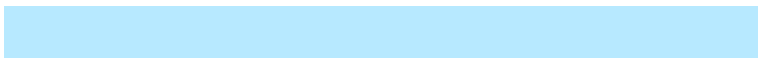
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0542, 78.7362, 44.4995



58.5530, 78.7362, 85.1087



74.6190, 78.7362, 146.7898



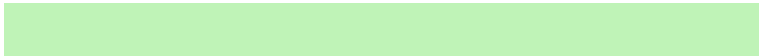
93.8892, 78.7362, 86.3550

Rectangle

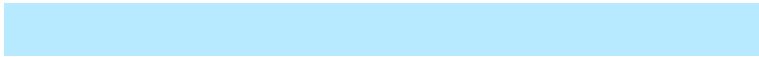
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0542, 78.7362, 44.4995



62.2495, 78.7362, 56.8323



74.6190, 78.7362, 146.7898



89.0150, 78.7362, 123.0639

Sweetspot

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



75.0562, 78.7398, 44.5011



88.2778, 93.1625, 85.9663



62.9424, 50.0548, 54.2050



18.7276, 19.7673, 17.8457



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.



75.0562, 78.7398, 44.5011



71.8977, 74.9721, 35.5893



76.6975, 91.8910, 46.9530



19.0827, 20.1335, 19.0247



30.1979, 28.4071, 3.8915



3.0352, 2.9557, 0.4105

Inverse Universe

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



50.5299, 50.6583, 101.7225



44.0558, 43.1140, 100.6076



49.2120, 41.9463, 100.1103



17.4392, 18.2499, 22.8534



10.8630, 6.6356, 50.1428



1.1476, 0.8258, 4.9122

Previews

White Background



This preview shows how the XYZ color 75.0542, 78.7362, 44.4995 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 75.0542, 78.7362, 44.4995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

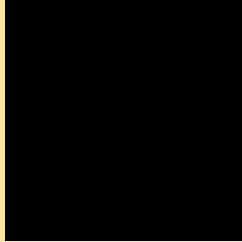
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0542, 78.7362, 44.4995

Background



This preview shows how black text looks on a background with the XYZ color 75.0542, 78.7362, 44.4995.



This preview shows how white text looks on a background with the XYZ color 75.0542, 78.7362,

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

75.0542, 78.7362, 44.4995

Protanopia

73.1637, 78.5683, 45.0273

Deuteranopia

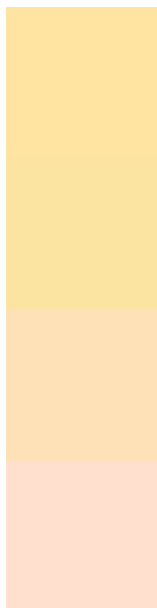
77.8595, 78.5568, 63.2839



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

75.0542, 78.7362, 44.4995

Protanomaly

73.9601, 78.5692, 44.9855

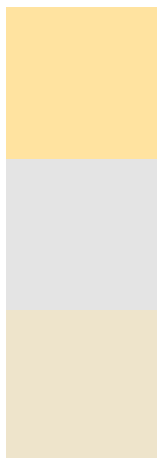
Deuteranomaly

76.7125, 78.5293, 55.9142

Tritanomaly

78.7683, 78.4916, 69.3914

Monochromacy



Original Color

75.0542, 78.7362, 44.4995

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.7828, 77.9757, 67.6620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0542, 78.7362, 44.4995 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, 227, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 160)  
}
```

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, 227, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 160) }
```

Border

The CSS property to change the border of an element to XYZ 75.0542, 78.7362, 44.4995 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, 227, 160) }
```


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

```
.border{ border-color:rgb(255, 227, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0542, 78.7362, 44.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 160) }
```

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

```
.background{ background-color: rgb(255,  
227, 160) }
```

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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