

Converting Colors

XYZ(75.6032, 78.3429, 49.2798)

Have a look what the booklet for
XYZ(75.6032, 78.3429, 49.2798)
contains.

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Color

**XYZ(75.6921, 78.5550,
49.2034)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2AA
RGB	255, 226, 170
RGB Percent	100%, 89%, 67%
CMY	0.0000, 0.1137, 0.3333
CMYK	0.00, 0.11, 0.33, 0.00
HSL	40°, 100%, 83%
HSV	40°, 33%, 100%
XYZ	75.6921, 78.5550, 49.2034
YIQ	228.2870, 35.2600, -11.2680

Conversions

Conversions Part 2

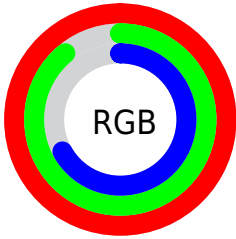
Format	Color
R_{YB}	214, 255, 170
Decimal	16769706
CIE _{Lab}	91.03, 2.11, 31.06
CIE _{LCh}	91, 31.134, 86.119
Yxy	78.5550, 0.3720, 0.3861
Android (android.graphics.Color)	4294959786 (0xFFFFE2AA)
YUV	228.2870, -28.7355, 23.4273
Hunter-Lab	88.6313, -2.6637, 29.1272

Details

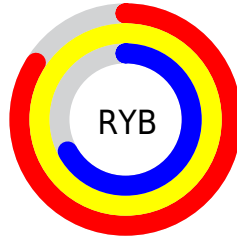
The XYZ color **75.6921, 78.5550, 49.2034** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0504, 56.6111, 102.6333**, and the grayscale version is **74.1403, 78.0014, 84.9435**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **40.7998, 42.2805, 22.8402** is the 20% darker color. If you saturate the color by 10%, you get **71.2049, 73.0737, 36.9389**, and if you desaturate by 10%, it is **80.7710, 84.4706, 63.9752**.

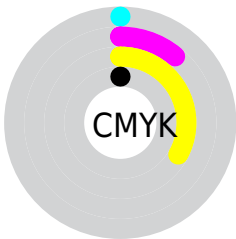
Distribution



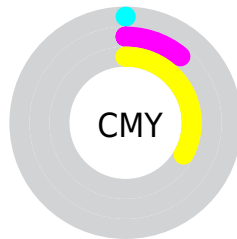
- Red (100%)
- Green (89%)
- Blue (67%)



- Red (84%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6921, 78.5550, 49.2034 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 75.6921, 78.5550, 49.2034 by changing the saturation by 10% instead.


 75.6921, 78.5550,
49.2034

 75.6921, 78.5550,
49.2034


469.2537,
490.0496, 400.1880

 56.4762, 58.5300,
34.4141


 126.2743,
131.3322, 90.3776

 40.8234, 42.2349,
22.9320


158.3713,
164.8532, 117.5996

 28.3682, 29.2853,
14.3385

195.4927,
203.6417, 149.8029

 18.7452, 19.2967,
8.2150

238.0039,
248.0820, 187.4060

 11.5893, 11.8849,
4.1431

286.2702,
298.5585, 230.8276

 6.5348, 6.6653,
1.7042

340.6571,

 3.2167, 3.2537,

355.4557, 280.4860

0.3636

401.5298,
419.1580, 336.8000

■ 1.2694, 1.2656,
0.0000

■ 0.1601, 0.1143,
0.0000

■ 75.6921, 78.5550,
49.2034

■ 75.6921, 78.5550,
49.2034

■ 71.2049, 73.0737,
36.9389

■ 80.7710, 84.4706,
63.9752

■ 67.2748, 68.0017,
27.0333

■ 86.4627, 90.8232,
81.3816

■ 63.8719, 63.3269,
19.3298

■ 92.7939, 97.6291,
101.5468

■ 60.9608, 59.0321,
13.6505

95.0500, 100.0000,
108.9000

■ 58.5006, 55.0980,
9.7896

■ 56.4419, 51.5018,
7.4964

■ 55.2458, 49.2716,
6.5986

Harmonies

Analogous

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



83.4120, 78.5550, 54.3918



75.6921, 78.5550, 49.2034



68.2054, 78.5550, 52.2534

Triad

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



75.6921, 78.5550, 49.2034



61.8975, 78.5550, 106.0417



87.9296, 78.5550, 112.0080

Complementary

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



75.6921, 78.5550, 49.2034



55.0504, 56.6111, 102.6333

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.



81.5184, 78.5550, 130.5893



75.6921, 78.5550, 49.2034



66.5504, 78.5550, 126.7421

Square

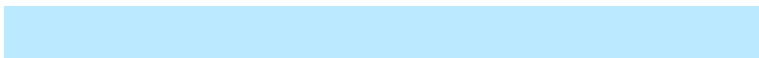
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6921, 78.5550, 49.2034



60.5754, 78.5550, 82.6359



73.6456, 78.5550, 136.4033



90.7838, 78.5550, 88.4971

Rectangle

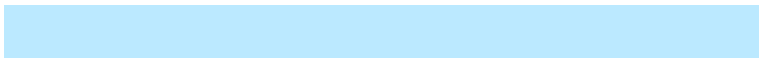
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6921, 78.5550, 49.2034



64.2902, 78.5550, 58.8974



73.6456, 78.5550, 136.4033



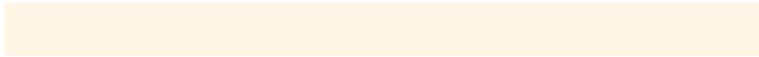
86.0980, 78.5550, 119.1874

Sweetspot

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



75.6940, 78.5586, 49.2050



88.5004, 93.0404, 87.7894



66.0114, 54.1687, 61.4677



18.7569, 19.7130, 18.2041



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.



75.6940, 78.5586, 49.2050



72.6373, 74.8550, 40.7570



79.7198, 93.3439, 51.8467



19.0089, 19.9859, 19.0001



29.0113, 26.0338, 3.4960



2.9262, 2.7379, 0.3742

Inverse Universe

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



55.0504, 56.6111, 102.6333



49.1259, 49.8704, 101.6445



51.8945, 46.0071, 100.7529



17.5095, 18.3906, 22.8768



11.3354, 7.5805, 50.3003



1.2004, 0.9315, 4.9298

Previews

White Background



This preview shows how the XYZ color 75.6921, 78.5550, 49.2034 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 75.6921, 78.5550, 49.2034 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 75.6921, 78.5550, 49.2034

Background



This preview shows how black text looks on a background with the XYZ color 75.6921, 78.5550, 49.2034.



This preview shows how white text looks on a background with the XYZ color 75.6921, 78.5550,

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

75.6921, 78.5550, 49.2034

Protanopia

73.3760, 78.5717, 49.8266

Deuteranopia

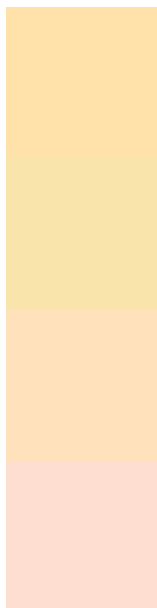
77.9737, 78.6025, 63.8855



Tritanopia

81.5412, 78.3296, 87.9122

Trichromacy



Original Color

75.6921, 78.5550, 49.2034

Protanomaly

74.1610, 78.5668, 49.7843

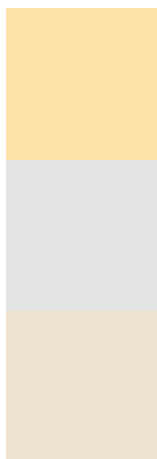
Deuteranomaly

77.1349, 78.6983, 58.1386

Tritanomaly

78.9941, 78.1557, 71.8949

Monochromacy



Original Color

75.6921, 78.5550, 49.2034

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9915, 77.6203, 70.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6921, 78.5550, 49.2034 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, 226, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 170)  
}
```

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, 226, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 170) }
```

Border

The CSS property to change the border of an element to XYZ 75.6921, 78.5550, 49.2034 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, 226, 170) }
```


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

```
.border{ border-color:rgb(255, 226, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6921, 78.5550, 49.2034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 170) }
```

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

```
.background{ background-color: rgb(255,  
226, 170) }
```

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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