

Converting Colors

XYZ(74.4693, 78.3909, 52.1055)

Have a look what the booklet for
XYZ(74.4693, 78.3909, 52.1055)
contains.

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Color

**XYZ(74.3725, 78.2125,
52.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E3B0
RGB	249, 227, 176
RGB Percent	98%, 89%, 69%
CMY	0.0235, 0.1098, 0.3098
CMYK	0.00, 0.09, 0.29, 0.02
HSL	42°, 86%, 83%
HSV	42°, 29%, 98%
XYZ	74.3725, 78.2125, 52.2510
YIQ	227.7640, 29.4830, -11.1970

Conversions

Conversions Part 2

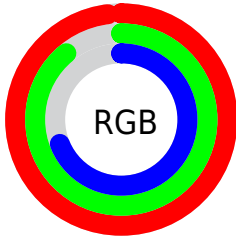
Format	Color
R_{YB}	207, 249, 176
Decimal	16376752
CIE _{Lab}	90.88, 0.07, 27.69
CIE _{LCh}	91, 27.689, 89.855
Yxy	78.2125, 0.3631, 0.3818
Android (android.graphics.Color)	4294566832 (0xFFFF9E3B0)
YUV	227.7640, -25.5197, 18.6240
Hunter-Lab	88.4378, -4.6552, 26.8767

Details

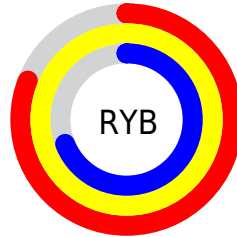
The XYZ color **74.3725, 78.2125, 52.2510** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.1971, 56.4563, 97.6107**, and the grayscale version is **73.7375, 77.5776, 84.4820**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **40.0659, 42.1416, 24.7613** is the 20% darker color. If you saturate the color by 10%, you get **70.1244, 73.3039, 39.7747**, and if you desaturate by 10%, it is **79.1659, 83.4879, 67.1403**.

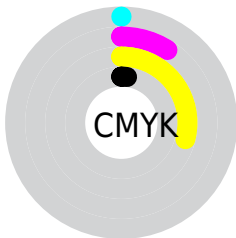
Distribution



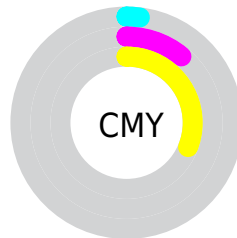
- Red (98%)
- Green (89%)
- Blue (69%)



- Red (81%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3725, 78.2125, 52.2510 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 74.3725, 78.2125, 52.2510 by changing the saturation by 10% instead.


 74.3725, 78.2125,
52.2510

 74.3725, 78.2125,
52.2510

464.7885,
488.8882, 412.3893

 55.3913, 58.2486,
36.8216


 124.4164,
130.8496, 94.9317

 39.9502, 42.0085,
24.7747


156.2098,
164.2916, 123.0200

 27.6838, 29.1080,
15.6918

193.0047,
202.9951, 156.1649

 18.2266, 19.1625,
9.1543

235.1664,
247.3444, 194.7852

 11.2135, 11.7878,
4.7438

283.0603,
297.7240, 239.2992

 6.2790, 6.5993,
2.0416

337.0517,

 3.0577, 3.2128,

354.5182, 290.1255

0.5807

397.5059,
418.1115, 347.6827

■ 1.1844, 1.2438,
0.0000

■ 0.0940, 0.0971,
0.0000

■ 74.3725, 78.2125,
52.2510

■ 74.3725, 78.2125,
52.2510

■ 70.1244, 73.3039,
39.7747

■ 79.1659, 83.4879,
67.1403

■ 66.3899, 68.7392,
29.5759

■ 84.5227, 89.1306,
84.5583

■ 63.1426, 64.5089,
21.5131

■ 90.4672, 95.1550,
104.6195

■ 60.3512, 60.5984,
15.4268

■ 92.8770, 98.8798,
108.7983

■ 57.9799, 56.9918,
11.1349

■ 55.9867, 53.6700,
8.4214

■ 54.3073, 50.6055,
6.9544

■ 54.1988, 50.4033,
6.8722

Harmonies

Analogous

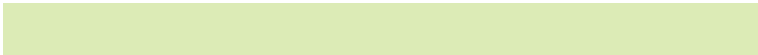
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2752, 78.2125, 56.0900



74.3725, 78.2125, 52.2510



67.8636, 78.2125, 56.0166

Triad

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



74.3725, 78.2125, 52.2510



63.3088, 78.2125, 105.7355



86.5429, 78.2125, 105.9296

Complementary

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



74.3725, 78.2125, 52.2510



55.1971, 56.4563, 97.6107

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.



81.2130, 78.2125, 122.9813



74.3725, 78.2125, 52.2510



67.8084, 78.2125, 122.8574

Square

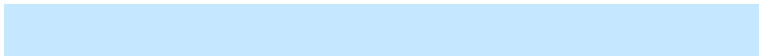
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3725, 78.2125, 52.2510



61.7240, 78.2125, 85.0632



74.3048, 78.2125, 129.6057



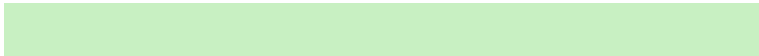
88.5646, 78.2125, 85.2571

Rectangle

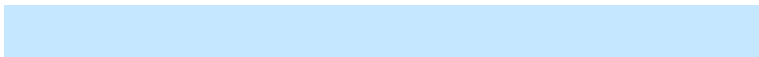
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3725, 78.2125, 52.2510



64.5558, 78.2125, 62.7305



74.3048, 78.2125, 129.6057



85.0630, 78.2125, 112.3851

Sweetspot

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



74.3745, 78.2161, 52.2526



89.4062, 94.2763, 89.8661



64.9153, 55.3203, 61.3613



18.9516, 19.9876, 18.6225



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.



74.3745, 78.2161, 52.2526



75.8735, 79.5510, 47.3122



76.1776, 88.6537, 54.1723



18.2601, 19.2561, 18.2168



29.1422, 27.2412, 3.7221



2.7920, 2.7089, 0.3757

Inverse Universe

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



55.1971, 56.4563, 97.6107



52.7141, 53.2812, 102.1137



53.7066, 48.7592, 96.2036



16.7094, 17.4956, 21.8816



10.6087, 6.5730, 48.6831



1.0712, 0.7861, 4.5384

Previews

White Background



This preview shows how the XYZ color 74.3725, 78.2125, 52.2510 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 74.3725, 78.2125, 52.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

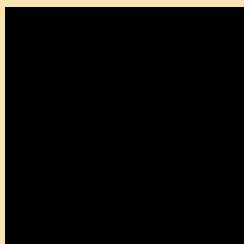
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3725, 78.2125, 52.2510

Background



This preview shows how black text looks on a background with the XYZ color 74.3725, 78.2125, 52.2510.



This preview shows how white text looks on a background with the XYZ color 74.3725, 78.2125,

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

74.3725, 78.2125, 52.2510

Protanopia

73.2634, 78.4460, 52.8752

Deuteranopia

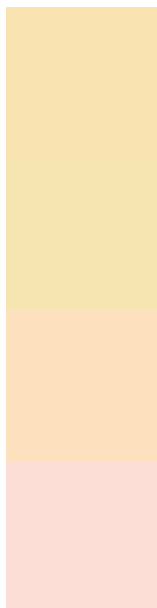
77.8207, 78.1126, 64.4017



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

74.3725, 78.2125, 52.2510

Protanomaly

73.6853, 78.2540, 52.8159

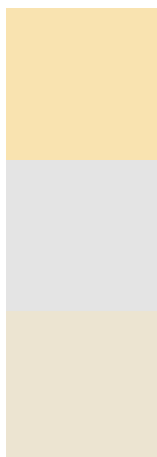
Deuteranomaly

76.4579, 77.9117, 59.7239

Tritanomaly

78.7669, 77.9802, 74.5186

Monochromacy



Original Color

74.3725, 78.2125, 52.2510

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8441, 77.9231, 71.4703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3725, 78.2125, 52.2510 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(249, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 176)  
}
```

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(249, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 176) }
```

Border

The CSS property to change the border of an element to XYZ 74.3725, 78.2125, 52.2510 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(249, 227, 176) }
```


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

```
.border{ border-color:rgb(249, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 227, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 227, 176); box-shadow:4px 4px 4px 4px rgb(249, 227, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3725, 78.2125, 52.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 176) }
```

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

```
.background{ background-color: rgb(249,  
227, 176) }
```

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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