

Converting Colors

XYZ(136.9734, 110.7055,
55.8817)

Have a look what the booklet for
XYZ(136.9734, 110.7055, 55.8817)
contains.

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Color

**XYZ(76.9192, 79.9211,
52.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4B1
RGB	255, 228, 177
RGB Percent	100%, 89%, 69%
CMY	0.0000, 0.1059, 0.3059
CMYK	0.00, 0.11, 0.31, 0.00
HSL	39°, 100%, 85%
HSV	39°, 31%, 100%
XYZ	76.9192, 79.9211, 52.9672
YIQ	230.2590, 32.4630, -10.1370

Conversions

Conversions Part 2

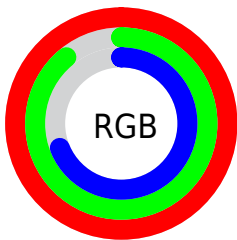
Format	Color
R_{YB}	218, 255, 177
Decimal	16770225
CIE Lab	91.65, 1.94, 28.31
CIE LCh	92, 28.375, 86.080
Yxy	79.9211, 0.3666, 0.3809
Android (android.graphics.Color)	4294960305 (0xFFFFE4B1)
YUV	230.2590, -26.2567, 21.6979
Hunter-Lab	89.3986, -2.8649, 27.4507

Details

The XYZ color **76.9192, 79.9211, 52.9672** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7737, 59.7510, 103.0958**, and the grayscale version is **75.5788, 79.5148, 86.5916**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **41.6076, 43.2127, 25.2167** is the 20% darker color. If you saturate the color by 10%, you get **72.2456, 74.2684, 40.0198**, and if you desaturate by 10%, it is **82.1956, 86.0189, 68.4604**.

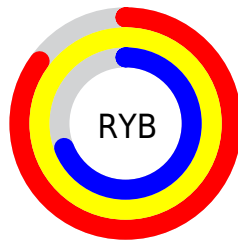
Distribution



Red (100%)

Green (89%)

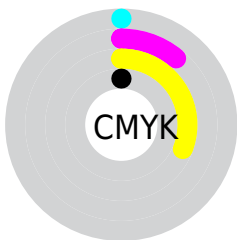
Blue (69%)



Red (85%)

Yellow (100%)

Blue (69%)

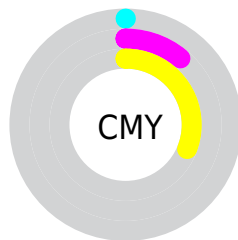


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9192, 79.9211, 52.9672 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 76.9192, 79.9211, 52.9672 by changing the saturation by 10% instead.


 76.9192, 79.9211,
52.9672

 76.9192, 79.9211,
52.9672


473.3847,
494.6669, 415.2220

 57.4863, 59.6534,
37.3890


 127.9989,
133.2548, 95.9972

 41.6374, 43.1393,
25.2107


160.3763,
167.0896, 124.2860

 29.0074, 29.9945,
16.0137


197.7993,
206.2156, 157.6489

 19.2307, 19.8344,
9.3794

240.6331,
251.0172, 196.5043

 11.9421, 12.2747,
4.8893

289.2433,
301.8787, 241.2708

 6.7762, 6.9311,
2.1248

343.9950,

 3.3676, 3.4190,

359.1845, 292.3669

0.6305

405.2537,
423.3191, 350.2111

■ 1.3510, 1.3542,
0.0000

■ 0.2209, 0.1826,
0.0000

■ 76.9192, 79.9211,
52.9672

■ 76.9192, 79.9211,
52.9672

■ 72.2456, 74.2684,
40.0198

■ 82.1956, 86.0189,
68.4604

■ 68.1407, 69.0357,
29.4732

■ 88.0953, 92.5643,
86.6238

■ 64.5753, 64.2112,
21.1749

■ 94.6446, 99.5736,
107.5797

■ 61.5151, 59.7781,
14.9531

■ 95.0500, 100.0000,
108.9000

■ 58.9208, 55.7176,
10.6107

■ 56.7458, 52.0077,
7.9119

■ 55.0128, 48.8057,
6.5209

Harmonies

Analogous

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



84.0076, 79.9211, 57.9254



76.9192, 79.9211, 52.9672



69.9992, 79.9211, 55.8703

Triad

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



76.9192, 79.9211, 52.9672



64.1207, 79.9211, 105.7723



88.1235, 79.9211, 111.2460

Complementary

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



76.9192, 79.9211, 52.9672



57.7737, 59.7510, 103.0958

Split Complementary

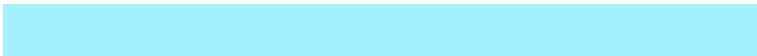
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2554, 79.9211, 128.0152



76.9192, 79.9211, 52.9672



68.4484, 79.9211, 124.5187

Square

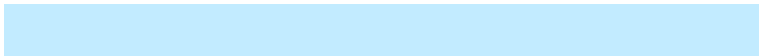
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9192, 79.9211, 52.9672



62.8904, 79.9211, 84.3207



75.0140, 79.9211, 133.2199



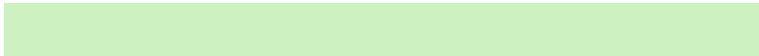
90.7312, 79.9211, 89.7773

Rectangle

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



76.9192, 79.9211, 52.9672



66.3602, 79.9211, 62.1683



75.0140, 79.9211, 133.2199



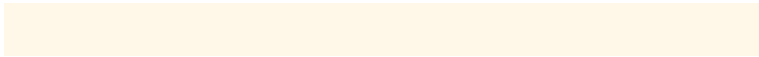
86.4494, 79.9211, 117.7442

Sweetspot

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



76.9212, 79.9247, 52.9689



89.0909, 93.6457, 89.7610



67.8978, 57.0792, 64.7552



18.8737, 19.8318, 18.5965



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

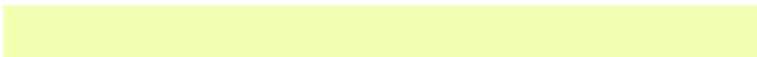
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9212, 79.9247, 52.9689



73.8558, 76.2481, 44.3813



80.7619, 93.8026, 55.4451



19.0010, 19.9702, 18.9975



28.8903, 25.7917, 3.4556



2.9150, 2.7155, 0.3705

Inverse Universe

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



57.7737, 59.7510, 103.0958



51.8145, 53.0347, 102.1135



54.6849, 49.4458, 101.2695



17.5170, 18.4057, 22.8794



11.3907, 7.6910, 50.3187



1.2064, 0.9435, 4.9318

Previews

White Background



This preview shows how the XYZ color 76.9192, 79.9211, 52.9672 looks on a white background.

Color Contrast Check

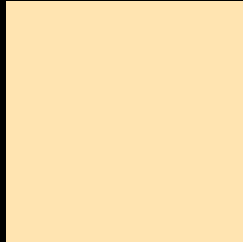
Large Text (above 18pt) WCAG AA × Fail

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 76.9192, 79.9211, 52.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

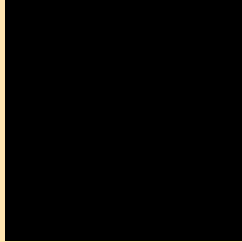
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9192, 79.9211, 52.9672

Background



This preview shows how black text looks on a background with the XYZ color 76.9192, 79.9211, 52.9672.



This preview shows how white text looks on a background with the XYZ color 76.9192, 79.9211,

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

76.9192, 79.9211, 52.9672

Protanopia

74.9696, 80.1403, 53.6368

Deuteranopia

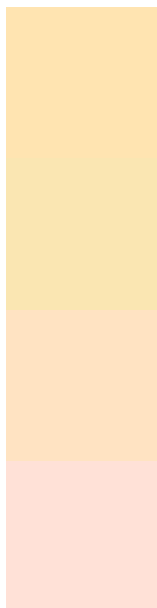
79.2158, 79.9645, 67.7595



Tritanopia

82.7680, 80.0915, 90.4537

Trichromacy



Original Color

76.9192, 79.9211, 52.9672

Protanomaly

75.7570, 80.1320, 53.5937

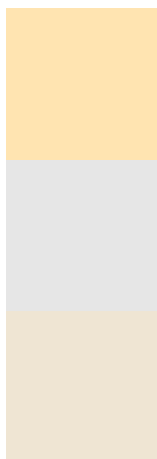
Deuteranomaly

78.4467, 80.0932, 62.3639

Tritanomaly

80.4310, 80.0167, 75.4956

Monochromacy



Original Color

76.9192, 79.9211, 52.9672

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3738, 79.0925, 72.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9192, 79.9211, 52.9672 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, 228, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 177)  
}
```

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, 228, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 177) }
```

Border

The CSS property to change the border of an element to XYZ 76.9192, 79.9211, 52.9672 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, 228, 177) }
```


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

```
.border{ border-color:rgb(255, 228, 177) }
```

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

Here you see how a box with a 4 pixel rgb(255, 228, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9192, 79.9211, 52.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 177) }
```

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

```
.background{ background-color: rgb(255,  
228, 177) }
```

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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