

Converting Colors

XYZ(73.8984, 73.7626, 52.3204)

Have a look what the booklet for
XYZ(73.8984, 73.7626, 52.3204)
contains.

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Color

**XYZ(73.8317, 73.5861,
52.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B2
RGB	255, 216, 178
RGB Percent	100%, 85%, 70%
CMY	0.0000, 0.1529, 0.3020
CMYK	0.00, 0.15, 0.30, 0.00
HSL	30°, 100%, 85%
HSV	30°, 30%, 100%
XYZ	73.8317, 73.5861, 52.4317
YIQ	223.3290, 35.4420, -3.5500

Conversions

Conversions Part 2

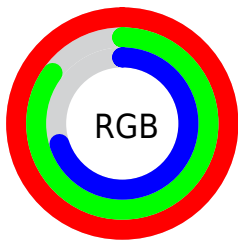
Format	Color
R _Y B	255, 253, 178
Decimal	16767154
CIE Lab	88.73, 8.22, 23.80
CIE LCh	89, 25.180, 70.949
Yxy	73.5861, 0.3694, 0.3682
Android (android.graphics.Color)	4294957234 (0xFFFFD8B2)
YUV	223.3290, -22.3472, 27.7755
Hunter-Lab	85.7823, 3.5134, 23.8085

Details

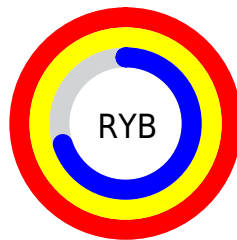
The XYZ color **73.8317, 73.5861, 52.4317** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.2222, 66.3085, 104.1798**, and the grayscale version is **70.5111, 74.1832, 80.7855**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **39.4725, 38.8407, 24.8186** is the 20% darker color. If you saturate the color by 10%, you get **68.3265, 66.2992, 39.1176**, and if you desaturate by 10%, it is **80.0767, 81.5903, 68.3420**.

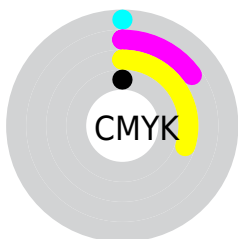
Distribution



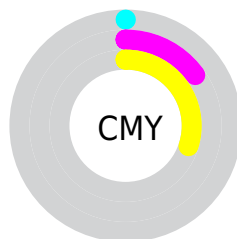
- Red (100%)
- Green (85%)
- Blue (70%)



- Red (100%)
- Yellow (99%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8317, 73.5861, 52.4317 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 73.8317, 73.5861, 52.4317 by changing the saturation by 10% instead.


 73.8317, 73.5861,
52.4317

 73.8317, 73.5861,
52.4317


462.9516,
473.0436, 413.1052

 54.9471, 54.4553,
36.9647


 123.6540,
124.3089, 95.2006

 39.5930, 38.9658,
24.8846


155.3224,
156.6697, 123.3397

 27.4042, 26.7331,
15.7728


191.9827,
194.2094, 156.5397

 18.0152, 17.3729,
9.2109

234.0004,
237.3122, 195.2194

 11.0606, 10.5007,
4.7803

281.7408,
286.3627, 239.7973

 6.1752, 5.7322,
2.0625

335.5692,

 2.9936, 2.6829,

341.7451, 290.6919

0.5933

395.8510,
403.8440, 348.3217

■ 1.1504, 0.9685,
0.0000

■ 0.0666, 0.0000,
0.0000

■ 73.8317, 73.5861,
52.4317

■ 73.8317, 73.5861,
52.4317

■ 68.3265, 66.2992,
39.1176

■ 80.0767, 81.5903,
68.3420

■ 63.5231, 59.6969,
28.2539

■ 87.0859, 90.3227,
86.9742

■ 59.3882, 53.7586,
19.6876

94.8895, 99.8071,
108.4514

■ 55.8830, 48.4587,
13.2459

95.0500, 100.0000,
108.9000

■ 52.9638, 43.7690,
8.7315

■ 50.5793, 39.6579,
5.9087

■ 48.6833, 36.1466,
4.4111

Harmonies

Analogous

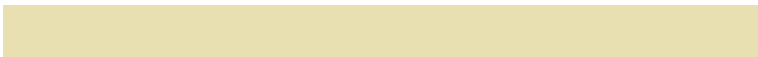
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1591, 73.5861, 60.1009



73.8317, 73.5861, 52.4317



67.7418, 73.5861, 51.5132

Triad

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



73.8317, 73.5861, 52.4317



59.0681, 73.5861, 86.6595



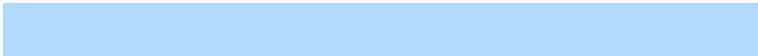
77.8960, 73.5861, 108.2003

Complementary

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



73.8317, 73.5861, 52.4317



61.2222, 66.3085, 104.1798

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.



72.1881, 73.5861, 117.7439



73.8317, 73.5861, 52.4317



61.4685, 73.5861, 104.1603

Square

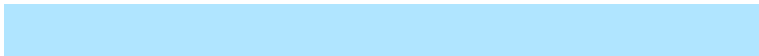
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8317, 73.5861, 52.4317



59.4513, 73.5861, 69.6721



66.1902, 73.5861, 116.1666



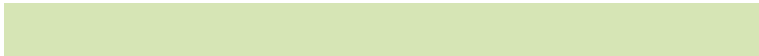
81.5981, 73.5861, 91.5695

Rectangle

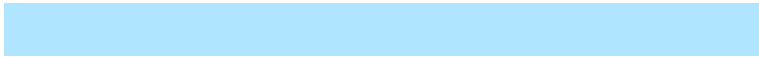
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8317, 73.5861, 52.4317



64.0932, 73.5861, 54.6764



66.1902, 73.5861, 116.1666



76.1349, 73.5861, 112.4454

Sweetspot

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



73.8336, 73.5895, 52.4332



87.9763, 91.4165, 89.3895



69.7874, 58.1522, 73.7280



18.5989, 19.2822, 18.5049



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.



73.8336, 73.5895, 52.4332



70.5493, 69.2726, 44.3970



84.6280, 95.1784, 56.0314



18.7498, 19.4678, 18.9138



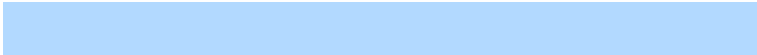
25.5869, 19.1850, 2.3545



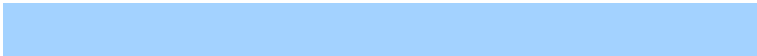
2.6004, 2.0861, 0.2656

Inverse Universe

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



61.2222, 66.3085, 104.1798



56.1652, 60.9677, 103.4155



52.5878, 49.0398, 101.3017



17.7634, 18.8984, 22.9615



13.6926, 12.2949, 51.0861



1.4425, 1.4157, 5.0105

Previews

White Background



This preview shows how the XYZ color 73.8317, 73.5861, 52.4317 looks on a white background.

Color Contrast Check

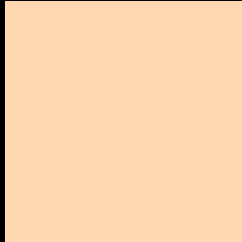
Large Text (above 18pt) WCAG AA × Fail

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 73.8317, 73.5861, 52.4317 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 73.8317, 73.5861, 52.4317

Background



This preview shows how black text looks on a background with the XYZ color 73.8317, 73.5861, 52.4317.



This preview shows how white text looks on a background with the XYZ color 73.8317, 73.5861,

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

73.8317, 73.5861, 52.4317

Protanopia

69.3202, 73.9444, 54.3352

Deuteranopia

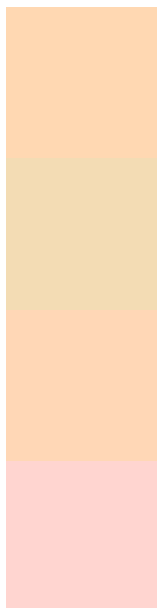
74.2974, 73.3637, 56.1436



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

73.8317, 73.5861, 52.4317

Protanomaly

70.7936, 73.5364, 53.6427

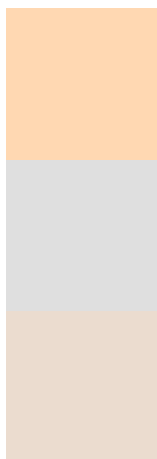
Deuteranomaly

73.9839, 73.2383, 54.4930

Tritanomaly

76.4194, 73.4026, 69.8149

Monochromacy



Original Color

73.8317, 73.5861, 52.4317

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1166, 73.3536, 69.4419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8317, 73.5861, 52.4317 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, 216, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 178)  
}
```

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, 216, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.8317, 73.5861, 52.4317 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, 216, 178) }
```


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

```
.border{ border-color:rgb(255, 216, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8317, 73.5861, 52.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 178) }
```

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

```
.background{ background-color: rgb(255,  
216, 178) }
```

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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