

Converting Colors

XYZ(74.2880, 69.3520, 65.6689)

Have a look what the booklet for
XYZ(74.2880, 69.3520, 65.6689)
contains.

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Color

**XYZ(73.8508, 69.2344,
65.9711)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDCB
RGB	255, 205, 203
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.1961, 0.2039
CMYK	0.00, 0.20, 0.20, 0.00
HSL	2°, 100%, 90%
HSV	2°, 20%, 100%
XYZ	73.8508, 69.2344, 65.9711
YIQ	219.7220, 30.4420, 9.9780

Conversions

Conversions Part 2

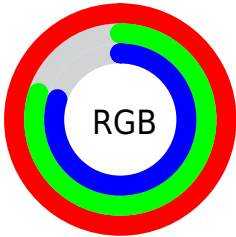
Format	Color
R _Y B	255, 205, 203
Decimal	16764363
CIE Lab	86.62, 17.34, 7.69
CIE LCh	87, 18.969, 23.930
Yxy	69.2344, 0.3533, 0.3312
Android (android.graphics.Color)	4294954443 (0xFFFFCDCB)
YUV	219.7220, -8.2439, 30.9388
Hunter-Lab	83.2072, 12.8156, 11.2368

Details

The XYZ color **73.8508, 69.2344, 65.9711** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8028, 90.1643, 107.9106**, and the grayscale version is **67.8759, 71.4107, 77.7663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7801, 36.3089, 33.3455** is the 20% darker color. If you saturate the color by 10%, you get **65.6461, 57.2948, 49.4566**, and if you desaturate by 10%, it is **83.4776, 83.2178, 85.4272**.

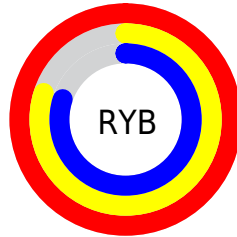
Distribution



Red (100%)

Green (80%)

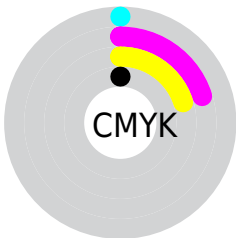
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

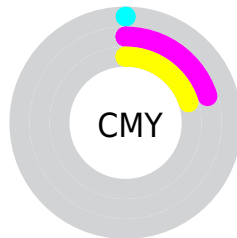


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8508, 69.2344, 65.9711 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 73.8508, 69.2344, 65.9711 by changing the saturation by 10% instead.


 73.8508, 69.2344,
65.9711

 73.8508, 69.2344,
65.9711

463.0165,
457.8573, 464.6749

 54.9628, 50.9026,
47.7926


123.6809,
118.1163, 115.0715

 39.6056, 36.1311,
33.3039

155.3537,
149.4352, 146.8304

 27.4140, 24.5355,
22.0863


192.0189,
185.8520, 183.9533

 18.0226, 15.7313,
13.7214

234.0416,
227.7510, 226.8585

 11.0660, 9.3342,
7.7906

281.7874,
275.5166, 275.9648

 6.1789, 4.9598,
3.8754

335.6216,

 2.9958, 2.2237,

329.5333, 331.6906

1.5573

395.9095,
390.1854, 394.4545

■ 1.1516, 0.7329,
0.2600

■ 0.0676, 0.0000,
0.0000

■ 73.8508, 69.2344,
65.9711

■ 73.8508, 69.2344,
65.9711

■ 65.6461, 57.2948,
49.4566

■ 83.4776, 83.2178,
85.4272

■ 58.7914, 47.2947,
35.7365

94.5841, 99.3248,
107.9536

■ 53.2159, 39.1345,
24.6577

95.0500, 100.0000,
108.9000

■ 48.8403, 32.7022,
16.0503

■ 45.5764, 27.8733,
9.7249

■ 43.3240, 24.5068,
5.4646

■ 41.9648, 22.4374,
3.0108

■ 41.3467, 21.4734,
1.9656

Harmonies

Analogous

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



74.5879, 69.2344, 77.9773



73.8508, 69.2344, 65.9711



70.9167, 69.2344, 57.4356

Triad

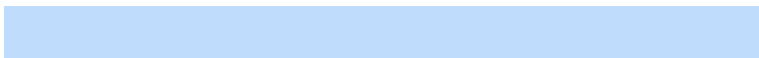
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8508, 69.2344, 65.9711



59.1966, 69.2344, 61.9913



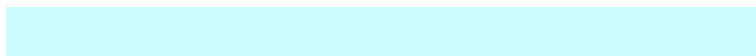
64.9141, 69.2344, 102.1564

Complementary

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



73.8508, 69.2344, 65.9711



77.8028, 90.1643, 107.9106

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.



60.9455, 69.2344, 96.7301



73.8508, 69.2344, 65.9711



57.7405, 69.2344, 72.8498

Square

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



73.8508, 69.2344, 65.9711



62.4306, 69.2344, 55.3234



58.3663, 69.2344, 85.6533



69.2994, 69.2344, 99.7891

Rectangle

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



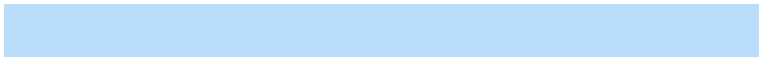
73.8508, 69.2344, 65.9711



68.1766, 69.2344, 54.4036



58.3663, 69.2344, 85.6533



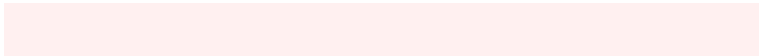
63.4895, 69.2344, 101.1659

Sweetspot

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



73.8524, 69.2374, 65.9725



88.1691, 90.0244, 94.9340



80.3684, 71.0814, 102.6356



18.7186, 19.0466, 20.0090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

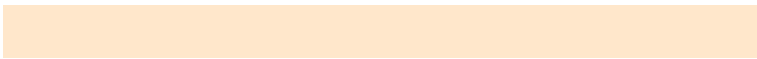
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8524, 69.2374, 65.9725



70.7311, 64.6979, 59.6813



80.5212, 82.5749, 68.1954



18.0655, 18.0992, 18.6857



21.6288, 11.2689, 1.0351



2.1248, 1.1350, 0.1071

Inverse Universe

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



77.8028, 90.1643, 107.9106



75.2587, 88.6867, 107.7594



70.2213, 75.0013, 105.3834



18.4913, 20.3542, 23.2041



26.5464, 38.0024, 55.3706



2.6027, 3.7361, 5.3972

Previews

White Background



This preview shows how the XYZ color 73.8508, 69.2344, 65.9711 looks on a white background.

Color Contrast Check

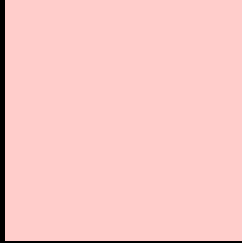
Large Text (above 18pt) WCAG AA × Fail

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 73.8508, 69.2344, 65.9711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

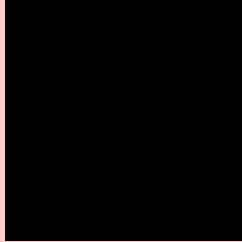
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8508, 69.2344, 65.9711

Background



This preview shows how black text looks on a background with the XYZ color 73.8508, 69.2344, 65.9711.



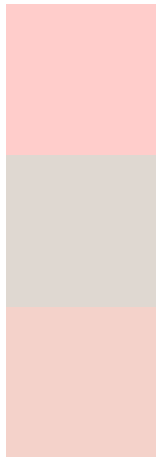
This preview shows how white text looks on a background with the XYZ color 73.8508, 69.2344,

65.9711.

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

73.8508, 69.2344, 65.9711

Protanopia

66.4959, 69.4032, 70.2130

Deuteranopia

71.0155, 69.5906, 65.5665



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

73.8508, 69.2344, 65.9711

Protanomaly

69.0669, 69.2541, 68.7586

Deuteranomaly

71.9279, 69.3325, 65.4686

Tritanomaly

74.8431, 69.2498, 72.3727

Monochromacy



Original Color

73.8508, 69.2344, 65.9711

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0423, 70.7796, 73.5885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8508, 69.2344, 65.9711 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, 205, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 203)  
}
```

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, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 203) }
```

Border

The CSS property to change the border of an element to XYZ 73.8508, 69.2344, 65.9711 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, 205, 203) }
```


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

```
.border{ border-color:rgb(255, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8508, 69.2344, 65.9711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 203) }
```

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

```
.background{ background-color: rgb(255,  
205, 203) }
```

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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