

Converting Colors

XYZ(96.0425, 79.2536, 51.8987)

Have a look what the booklet for
XYZ(96.0425, 79.2536, 51.8987)
contains.

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Color

**XYZ(69.8301, 65.7429,
50.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B1
RGB	255, 200, 177
RGB Percent	100%, 78%, 69%
CMY	0.0000, 0.2157, 0.3059
CMYK	0.00, 0.22, 0.31, 0.00
HSL	18°, 100%, 85%
HSV	18°, 31%, 100%
XYZ	69.8301, 65.7429, 50.6042
YIQ	213.8230, 40.1630, 4.5070

Conversions

Conversions Part 2

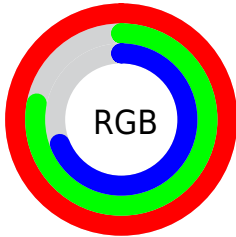
Format	Color
R _Y B	255, 210, 177
Decimal	16763057
CIE Lab	84.87, 16.40, 18.99
CIE LCh	85, 25.091, 49.172
Yxy	65.7429, 0.3751, 0.3531
Android (android.graphics.Color)	4294953137 (0xFFFFC8B1)
YUV	213.8230, -18.1537, 36.1122
Hunter-Lab	81.0820, 11.8357, 19.7538

Details

The XYZ color **69.8301, 65.7429, 50.6042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0371, 74.2778, 105.5170**, and the grayscale version is **63.8982, 67.2259, 73.2090**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **36.9429, 33.8833, 23.6618** is the 20% darker color. If you saturate the color by 10%, you get **63.6003, 56.9778, 37.1379**, and if you desaturate by 10%, it is **77.0278, 75.6834, 66.7376**.

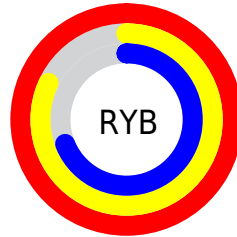
Distribution



Red (100%)

Green (78%)

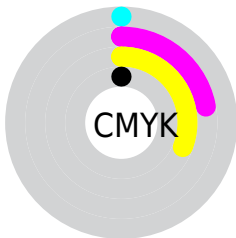
Blue (69%)



Red (100%)

Yellow (82%)

Blue (69%)

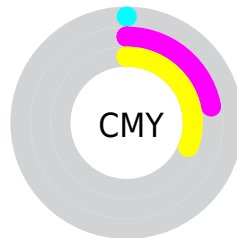


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.8301, 65.7429, 50.6042 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 69.8301, 65.7429, 50.6042 by changing the saturation by 10% instead.


 69.8301, 65.7429,
50.6042

 69.8301, 65.7429,
50.6042


449.2290,
445.4568, 405.8266

 51.6671, 48.0637,
35.5192


 117.9940,
113.1172, 92.4749

 36.9630, 33.8774,
23.7763

148.7257,
143.5812, 120.0977

 25.3524, 22.7994,
14.9571


184.3776,
179.0756, 152.7369

 16.4699, 14.4455,
8.6430

225.3152,
219.9847, 190.8109

 9.9502, 8.4311,
4.4155

271.9038,
266.6930, 234.7384

 5.4280, 4.3720,
1.8559

324.5087,

 2.5378, 1.8838,

319.5848, 284.9378

0.4645

383.4953,
379.0447, 341.8277

■ 0.9144, 0.5386,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8301, 65.7429,
50.6042

■ 69.8301, 65.7429,
50.6042

■ 63.6003, 56.9778,
37.1379

■ 77.0278, 75.6834,
66.7376

■ 58.2901, 49.3346,
26.1895

■ 85.2291, 86.8320,
85.6682

■ 53.8542, 42.7690,
17.6011

■ 94.4736, 99.2317,
107.5224

■ 50.2410, 37.2299,
11.1950

■ 95.0500, 100.0000,
108.9000

■ 47.3930, 32.6619,
6.7680

■ 45.2435, 29.0032,
4.0778

■ 43.7703, 26.3206,
2.7734

Harmonies

Analogous

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



73.2726, 65.7429, 61.8819



69.8301, 65.7429, 50.6042



64.5412, 65.7429, 45.2592

Triad

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



69.8301, 65.7429, 50.6042



52.4514, 65.7429, 65.9185



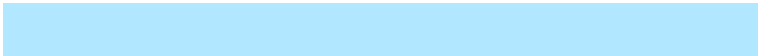
66.1074, 65.7429, 105.0181

Complementary

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



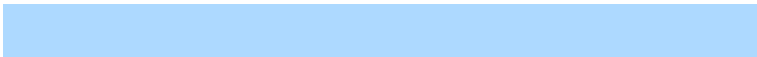
69.8301, 65.7429, 50.6042



65.0371, 74.2778, 105.5170

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.



60.4762, 65.7429, 106.5319



69.8301, 65.7429, 50.6042



52.8148, 65.7429, 82.2481

Square

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



69.8301, 65.7429, 50.6042



54.6526, 65.7429, 53.1765



55.6770, 65.7429, 97.6807



71.0357, 65.7429, 93.8109

Rectangle

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



69.8301, 65.7429, 50.6042



60.7779, 65.7429, 45.1448



55.6770, 65.7429, 97.6807



64.2271, 65.7429, 106.7347

Sweetspot

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



69.8317, 65.7459, 50.6055



86.6261, 88.7160, 88.9394



71.6562, 58.5824, 84.5471



18.2673, 18.6191, 18.3944



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.



69.8317, 65.7459, 50.6055



65.7276, 59.9917, 41.6720



79.7797, 85.6419, 53.9215



18.4459, 18.8600, 18.8125



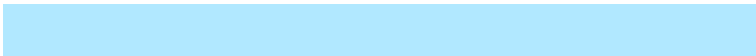
22.9828, 13.9768, 1.4865



2.3277, 1.5407, 0.1747

Inverse Universe

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



65.0371, 74.2778, 105.5170



60.1938, 69.7933, 104.9066



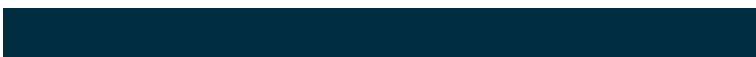
55.4517, 55.1070, 102.3218



18.0759, 19.5234, 23.0656



18.0736, 21.0567, 52.5464



1.8547, 2.2401, 5.1479

Previews

White Background



This preview shows how the XYZ color 69.8301, 65.7429, 50.6042 looks on a white background.

Color Contrast Check

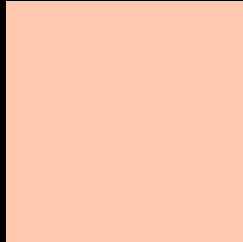
Large Text (above 18pt) WCAG AA × Fail

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 69.8301, 65.7429, 50.6042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

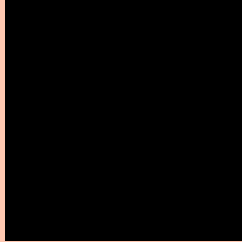
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8301, 65.7429, 50.6042

Background



This preview shows how black text looks on a background with the XYZ color 69.8301, 65.7429, 50.6042.



This preview shows how white text looks on a background with the XYZ color 69.8301, 65.7429,

50.6042.

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

69.8301, 65.7429, 50.6042

Protanopia

62.5222, 66.1938, 54.2812

Deuteranopia

67.0855, 65.7328, 50.2262



Tritanopia

72.8391, 65.8456, 69.8432

Trichromacy



Original Color

69.8301, 65.7429, 50.6042

Protanomaly

65.1573, 66.1101, 53.0424

Deuteranomaly

68.2593, 65.9862, 50.2133

Tritanomaly

71.6271, 65.7254, 62.3372

Monochromacy



Original Color

69.8301, 65.7429, 50.6042

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.6562, 66.4760, 64.6290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8301, 65.7429, 50.6042 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, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 177) }
```

Border

The CSS property to change the border of an element to XYZ 69.8301, 65.7429, 50.6042 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, 200, 177) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8301, 65.7429, 50.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 177) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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