

Converting Colors

XYZ(75.5731, 74.3819, 61.2953)

Have a look what the booklet for
XYZ(75.5731, 74.3819, 61.2953)
contains.

XYZ(75.5335, 74.2668, 61.3928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.5335, 74.2668,
61.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C2
RGB	255, 216, 194
RGB Percent	100%, 85%, 76%
CMY	0.0000, 0.1529, 0.2392
CMYK	0.00, 0.15, 0.24, 0.00
HSL	22°, 100%, 88%
HSV	22°, 24%, 100%
XYZ	75.5335, 74.2668, 61.3928
YIQ	225.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

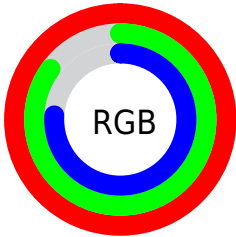
Format	Color
R _Y B	255, 228, 194
Decimal	16767170
CIE Lab	89.05, 10.34, 15.89
CIE LCh	89, 18.956, 56.958
Yxy	74.2668, 0.3577, 0.3517
Android (android.graphics.Color)	4294957250 (0xFFFFD8C2)
YUV	225.1530, -15.3584, 26.1758
Hunter-Lab	86.1782, 5.6399, 18.0869

Details

The XYZ color **75.5335, 74.2668, 61.3928** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4362, 76.9647, 105.8037**, and the grayscale version is **71.7713, 75.5090, 82.2293**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **40.7672, 39.3890, 30.2651** is the 20% darker color. If you saturate the color by 10%, you get **68.9408, 65.2780, 46.2576**, and if you desaturate by 10%, it is **83.0356, 84.2874, 79.2573**.

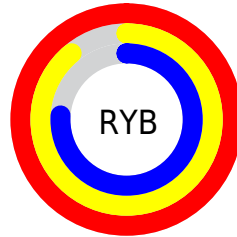
Distribution



Red (100%)

Green (85%)

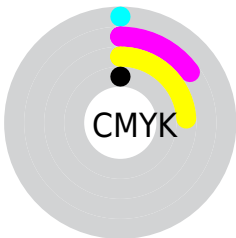
Blue (76%)



Red (100%)

Yellow (89%)

Blue (76%)

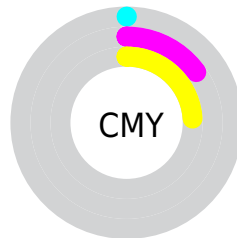


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5335, 74.2668, 61.3928 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 75.5335, 74.2668, 61.3928 by changing the saturation by 10% instead.


 75.5335, 74.2668,
61.3928

 75.5335, 74.2668,
61.3928


468.7183,
475.3937, 447.6591

 56.3458, 55.0124,
44.1096


126.0511,
125.2739, 108.4105

 40.7183, 39.4117,
30.4189


158.1118,
157.7955, 138.9822

 28.2857, 27.0801,
19.9020


195.1941,
195.5083, 174.8204

 18.6827, 17.6334,
12.1405

237.6634,
238.7966, 216.3438

 11.5439, 10.6871,
6.7157

285.8852,
288.0449, 263.9708

 6.5039, 5.8569,
3.2092

340.2246,

 3.1974, 2.7582,

343.6376, 318.1200

1.2024

401.0472,
405.9591, 379.2099

■ 1.2590, 1.0069,
0.0000

■ 0.1522, 0.0000,
0.0000

■ 75.5335, 74.2668,
61.3928

■ 75.5335, 74.2668,
61.3928

■ 68.9408, 65.2780,
46.2576

■ 83.0356, 84.2874,
79.2573

■ 63.2150, 57.2772,
33.7111

■ 91.4765, 95.3622,
99.9730

■ 58.3181, 50.2314,
23.6066

95.0500, 100.0000,
108.9000

■ 54.2066, 44.1023,
15.7812

■ 50.8327, 38.8483,
10.0514

■ 48.1423, 34.4241,
6.2051

■ 46.0713, 30.7788,
3.9836

■ 45.0662, 28.9124,
3.2054

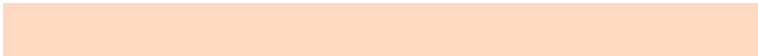
Harmonies

Analogous

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



78.7891, 74.2668, 69.8911



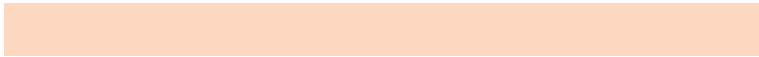
75.5335, 74.2668, 61.3928



71.0599, 74.2668, 58.0671

Triad

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



75.5335, 74.2668, 61.3928



62.1003, 74.2668, 79.5240



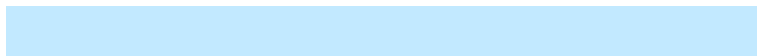
74.6842, 74.2668, 105.6721

Complementary

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



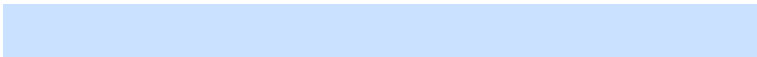
75.5335, 74.2668, 61.3928



69.4362, 76.9647, 105.8037

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.



70.1189, 74.2668, 108.9605



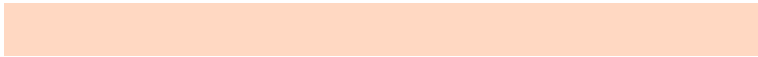
75.5335, 74.2668, 61.3928



62.9774, 74.2668, 92.9290

Square

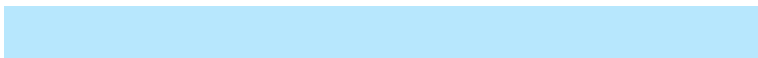
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5335, 74.2668, 61.3928



63.4144, 74.2668, 67.7949



65.8639, 74.2668, 104.0697



78.2839, 74.2668, 95.5131

Rectangle

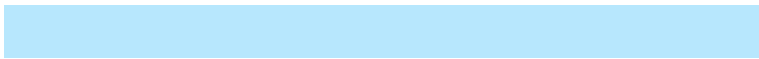
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5335, 74.2668, 61.3928



68.0340, 74.2668, 58.9279



65.8639, 74.2668, 104.0697



73.2059, 74.2668, 107.6625

Sweetspot

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



75.5353, 74.2701, 61.3943



88.7752, 91.8376, 93.2832



75.3333, 65.7648, 86.3023



18.8905, 19.5117, 19.6928



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.



75.5353, 74.2701, 61.3943



72.0750, 69.5769, 53.3739



83.8880, 90.9756, 64.1786



18.5457, 19.0596, 18.8457



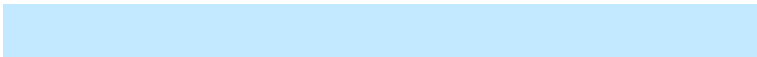
23.6764, 15.3641, 1.7177



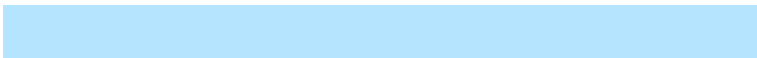
2.4045, 1.6943, 0.2003

Inverse Universe

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



69.4362, 76.9647, 105.8037



64.9502, 72.7146, 105.2198



61.6903, 61.4730, 103.2218



17.9715, 19.3145, 23.0308



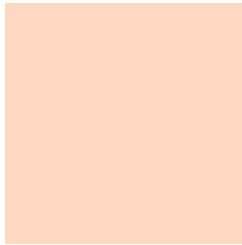
16.4228, 17.7551, 51.9961



1.7027, 1.9361, 5.0972

Previews

White Background



This preview shows how the XYZ color 75.5335, 74.2668, 61.3928 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 75.5335, 74.2668, 61.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

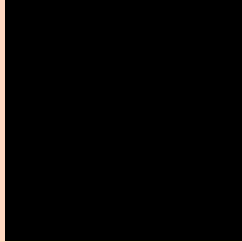
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5335, 74.2668, 61.3928

Background



This preview shows how black text looks on a background with the XYZ color 75.5335, 74.2668, 61.3928.



This preview shows how white text looks on a background with the XYZ color 75.5335, 74.2668,

61.3928.

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

75.5335, 74.2668, 61.3928

Protanopia

70.5124, 74.3450, 64.0597

Deuteranopia

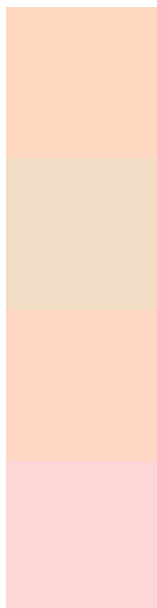
75.6462, 74.3119, 61.9864



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

75.5335, 74.2668, 61.3928

Protanomaly

72.2892, 74.0949, 63.3150

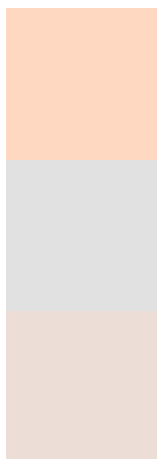
Deuteranomaly

75.6462, 74.3119, 61.9864

Tritanomaly

77.5523, 74.2594, 74.5360

Monochromacy



Original Color

75.5335, 74.2668, 61.3928

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.8509, 74.9305, 74.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5335, 74.2668, 61.3928 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 194) }
```

Border

The CSS property to change the border of an element to XYZ 75.5335, 74.2668, 61.3928 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, 194) }
```


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

```
.border{ border-color:rgb(255, 216, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5335, 74.2668, 61.3928 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
216, 194) }
```

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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