

Converting Colors

XYZ(82.7480, 71.3721, 61.7745)

Have a look what the booklet for
XYZ(82.7480, 71.3721, 61.7745)
contains.

XYZ(71.3979, 65.6337, 61.1300)	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(71.3979, 65.6337,
61.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6C4
RGB	255, 198, 196
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2235, 0.2314
CMYK	0.00, 0.22, 0.23, 0.00
HSL	2°, 100%, 88%
HSV	2°, 23%, 100%
XYZ	71.3979, 65.6337, 61.1300
YIQ	214.8150, 34.6140, 11.4620

Conversions

Conversions Part 2

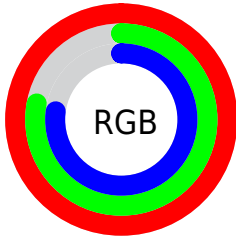
Format	Color
R _Y B	255, 198, 196
Decimal	16762564
CIE Lab	84.81, 20.00, 8.82
CIE LCh	85, 21.855, 23.795
Yxy	65.6337, 0.3603, 0.3312
Android (android.graphics.Color)	4294952644 (0xFFFFC6C4)
YUV	214.8150, -9.2758, 35.2422
Hunter-Lab	81.0146, 15.5358, 11.9727

Details

The XYZ color **71.3979, 65.6337, 61.1300** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9390, 89.2034, 107.8233**, and the grayscale version is **64.5119, 67.8716, 73.9121**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **37.8817, 33.7698, 30.1128** is the 20% darker color. If you saturate the color by 10%, you get **63.5584, 54.2116, 45.3933**, and if you desaturate by 10%, it is **80.6496, 79.0903, 79.7726**.

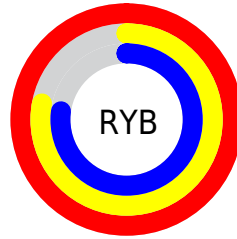
Distribution



Red (100%)

Green (78%)

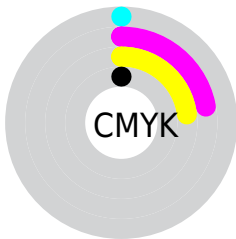
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

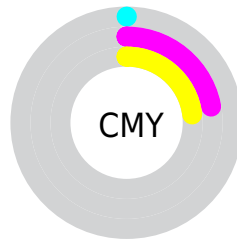


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3979, 65.6337, 61.1300 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 71.3979, 65.6337, 61.1300 by changing the saturation by 10% instead.


 71.3979, 65.6337,
61.1300

 71.3979, 65.6337,
61.1300


454.6334,
445.0657, 446.6702

 52.9507, 47.9751,
43.8989

120.2156,
112.9604, 108.0265

 37.9907, 33.8072,
30.2544

151.3167,
143.3974, 138.5289

 26.1527, 22.7455,
19.7781

187.3665,
178.8625, 174.2922

 17.0712, 14.4057,
12.0513

228.7304,
219.7403, 215.7349

 10.3809, 8.4034,
6.6557

275.7737,
266.4152, 263.2755

 5.7164, 4.3541,
3.1726

328.8617,

 2.7124, 1.8736,

319.2714, 317.3326

1.1834

388.3598,
378.6935, 378.3246

■ 1.0036, 0.5324,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3979, 65.6337,
61.1300

■ 71.3979, 65.6337,
61.1300

■ 63.5584, 54.2116,
45.3933

■ 80.6496, 79.0903,
79.7726

■ 57.0572, 44.7169,
32.4126

■ 91.3731, 94.6642,
101.4529

■ 51.8209, 37.0459,
22.0304

95.0500, 100.0000,
108.9000

■ 47.7672, 31.0816,
14.0717

■ 44.8039, 26.6938,
8.3404

■ 42.8255, 23.7333,
4.6095

■ 41.7051, 22.0220,
2.6037

■ 41.3341, 21.4481,
1.9614

Harmonies

Analogous

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



72.2161, 65.6337, 74.4174



71.3979, 65.6337, 61.1300



68.1095, 65.6337, 51.8441

Triad

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



71.3979, 65.6337, 61.1300



55.0917, 65.6337, 56.6942



61.3710, 65.6337, 101.7530

Complementary

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



71.3979, 65.6337, 61.1300



75.9390, 89.2034, 107.8233

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.



56.9865, 65.6337, 95.4977



71.3979, 65.6337, 61.1300



53.4854, 65.6337, 68.5897

Square

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



71.3979, 65.6337, 61.1300



58.6617, 65.6337, 49.5271



54.1605, 65.6337, 82.9014



66.2582, 65.6337, 99.0764

Rectangle

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



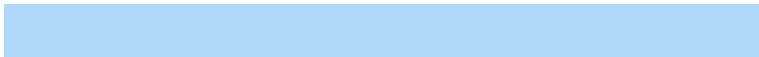
71.3979, 65.6337, 61.1300



65.0468, 65.6337, 48.5774



54.1605, 65.6337, 82.9014



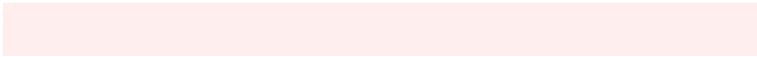
59.7927, 65.6337, 100.6017

Sweetspot

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



71.3995, 65.6366, 61.1313



87.0517, 88.3906, 92.7087



78.7152, 67.8344, 101.9010



18.4925, 18.7157, 19.5601



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.



71.3995, 65.6366, 61.1313



67.4143, 59.8329, 53.1236



78.8010, 80.4397, 63.5985



18.0589, 18.0859, 18.6835



21.6193, 11.2499, 1.0320



2.1216, 1.1287, 0.1060

Inverse Universe

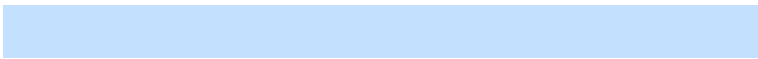
The Inverse Universe completely reimagines the original color for something new.



75.9390, 89.2034, 107.8233



72.7123, 87.3427, 107.6342



67.3459, 72.0171, 104.9589



18.4988, 20.3693, 23.2066



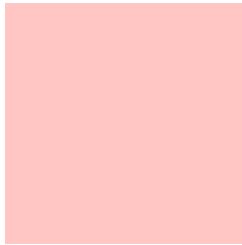
26.7284, 38.3664, 55.4313



2.6184, 3.7675, 5.4025

Previews

White Background



This preview shows how the XYZ color 71.3979, 65.6337, 61.1300 looks on a white background.

Color Contrast Check

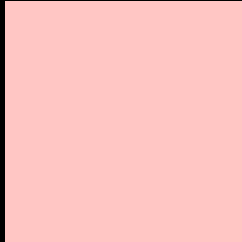
Large Text (above 18pt) WCAG AA × Fail

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 71.3979, 65.6337, 61.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

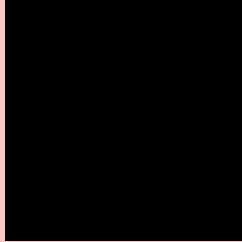
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3979, 65.6337, 61.1300

Background



This preview shows how black text looks on a background with the XYZ color 71.3979, 65.6337, 61.1300.



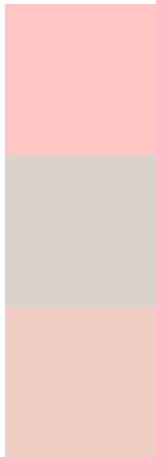
This preview shows how white text looks on a background with the XYZ color 71.3979, 65.6337,

61.1300.

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

71.3979, 65.6337, 61.1300

Protanopia

62.9872, 65.8058, 65.8819

Deuteranopia

67.2783, 65.9535, 60.8141



Tritanopia

72.7378, 65.4430, 70.4261

Trichromacy



Original Color

71.3979, 65.6337, 61.1300

Protanomaly

65.4516, 65.3017, 63.7984

Deuteranomaly

68.6270, 65.5937, 60.6736

Tritanomaly

72.3468, 65.6487, 67.2509

Monochromacy



Original Color

71.3979, 65.6337, 61.1300

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.8188, 66.9780, 69.0808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3979, 65.6337, 61.1300 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, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 196)  
}
```

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, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 196) }
```

Border

The CSS property to change the border of an element to XYZ 71.3979, 65.6337, 61.1300 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, 198, 196) }
```


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

```
.border{ border-color:rgb(255, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3979, 65.6337, 61.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 196) }
```

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

```
.background{ background-color: rgb(255,  
198, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor