

Converting Colors

XYZ(70.7560, 66.0857, 55.5646)

Have a look what the booklet for
XYZ(70.7560, 66.0857, 55.5646)
contains.

XYZ(70.7572, 66.1137, 55.4863)	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(70.7572, 66.1137,
55.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BA
RGB	255, 200, 186
RGB Percent	100%, 78%, 73%
CMY	0.0000, 0.2157, 0.2706
CMYK	0.00, 0.22, 0.27, 0.00
HSL	12°, 100%, 86%
HSV	12°, 27%, 100%
XYZ	70.7572, 66.1137, 55.4863
YIQ	214.8490, 37.2740, 7.3060

Conversions

Conversions Part 2

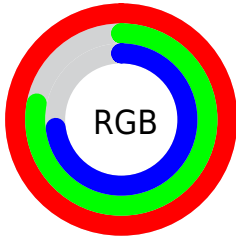
Format	Color
R _Y B	255, 204, 186
Decimal	16763066
CIE Lab	85.05, 17.58, 14.48
CIE LCh	85, 22.774, 39.488
Yxy	66.1137, 0.3678, 0.3437
Android (android.graphics.Color)	4294953146 (0xFFFFC8BA)
YUV	214.8490, -14.2226, 35.2124
Hunter-Lab	81.3103, 13.0397, 16.4576

Details

The XYZ color **70.7572, 66.1137, 55.4863** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7540, 80.5671, 106.4823**, and the grayscale version is **64.5661, 67.9285, 73.9742**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **37.5385, 34.1215, 26.7979** is the 20% darker color. If you saturate the color by 10%, you get **63.8863, 56.3299, 40.9938**, and if you desaturate by 10%, it is **78.7409, 77.3484, 72.7378**.

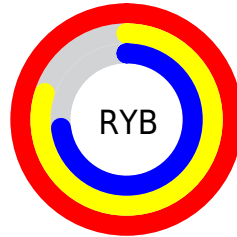
Distribution



Red (100%)

Green (78%)

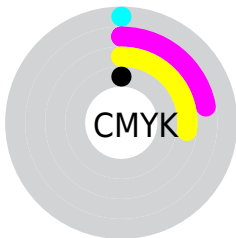
Blue (73%)



Red (100%)

Yellow (80%)

Blue (73%)

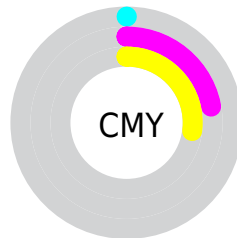


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7572, 66.1137, 55.4863 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 70.7572, 66.1137, 55.4863 by changing the saturation by 10% instead.


 70.7572, 66.1137,
55.4863

 70.7572, 66.1137,
55.4863


452.4293,
446.7834, 425.0865

 52.4259, 48.3647,
39.3900


 119.3083,
113.6495, 99.7314

 37.5703, 34.1158,
26.7531


150.2589,
144.2051, 128.7172

 25.8251, 22.9826,
17.1571


186.1466,
179.7984, 162.8366

 16.8248, 14.5806,
10.1834

227.3367,
220.8137, 202.5082

 10.2042, 8.5256,
5.4135

274.1947,
267.6355, 248.1504

 5.5979, 4.4331,
2.4289

327.0859,

 2.6404, 1.9186,

320.6481, 300.1818

0.8021

386.3756,
380.2359, 359.0210

■ 0.9666, 0.5596,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7572, 66.1137,
55.4863

■ 70.7572, 66.1137,
55.4863

■ 63.8863, 56.3299,
40.9938

■ 78.7409, 77.3484,
72.7378

■ 58.0730, 47.9288,
29.1127

■ 87.8795, 90.0809,
92.8776

■ 53.2649, 40.8499,
19.6874

95.0500, 100.0000,
108.9000

■ 49.4026, 35.0247,
12.5445

■ 46.4204, 30.3782,
7.4872

■ 44.2433, 26.8273,
4.2853

■ 42.7809, 24.2761,
2.6464

■ 42.4572, 23.6944,
2.3357

Harmonies

Analogous

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



73.0709, 66.1137, 67.4330



70.7572, 66.1137, 55.4863



66.3566, 66.1137, 48.6523

Triad

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



70.7572, 66.1137, 55.4863



54.0520, 66.1137, 62.5411



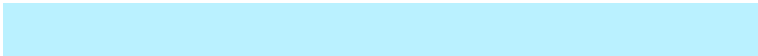
64.4779, 66.1137, 103.5732

Complementary

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



70.7572, 66.1137, 55.4863



69.7540, 80.5671, 106.4823

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.



59.4481, 66.1137, 101.7946



70.7572, 66.1137, 55.4863



53.6100, 66.1137, 76.7407

Square

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



70.7572, 66.1137, 55.4863



56.7772, 66.1137, 52.3245



55.5349, 66.1137, 91.4711



69.3178, 66.1137, 96.0442

Rectangle

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



70.7572, 66.1137, 55.4863



62.9273, 66.1137, 47.2877



55.5349, 66.1137, 91.4711



62.7510, 66.1137, 104.0647

Sweetspot

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



70.7588, 66.1167, 55.4876



86.9683, 88.8163, 90.8541



74.7064, 62.7413, 91.5489



18.3079, 18.5840, 18.7665



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.



70.7588, 66.1167, 55.4876



67.2269, 61.1033, 47.9893



79.6115, 83.8221, 58.4385



18.3079, 18.5840, 18.7665



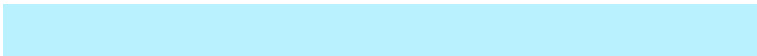
22.2684, 12.5479, 1.2483



2.2413, 1.3679, 0.1459

Inverse Universe

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



69.7540, 80.5671, 106.4823



66.0743, 77.5541, 106.0947



60.5405, 62.1402, 103.4112



18.2233, 19.8183, 23.1148



20.7299, 26.3695, 53.4318



2.0939, 2.7185, 5.2276

Previews

White Background



This preview shows how the XYZ color 70.7572, 66.1137, 55.4863 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 70.7572, 66.1137, 55.4863 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 70.7572, 66.1137, 55.4863

Background



This preview shows how black text looks on a background with the XYZ color 70.7572, 66.1137, 55.4863.



This preview shows how white text looks on a background with the XYZ color 70.7572, 66.1137,

55.4863.

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

70.7572, 66.1137, 55.4863

Protanopia

62.8767, 66.2649, 59.3456

Deuteranopia

67.5504, 66.2201, 55.1204



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

70.7572, 66.1137, 55.4863

Protanomaly

65.4544, 66.1531, 58.0342

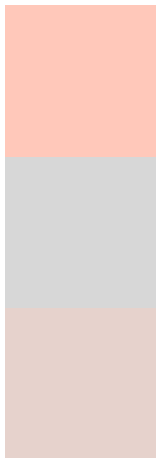
Deuteranomaly

68.4707, 65.9888, 55.0273

Tritanomaly

72.0948, 65.9124, 64.7997

Monochromacy



Original Color

70.7572, 66.1137, 55.4863

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.5788, 67.2758, 66.6032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7572, 66.1137, 55.4863 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 186) }
```

Border

The CSS property to change the border of an element to XYZ 70.7572, 66.1137, 55.4863 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, 186) }
```


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

```
.border{ border-color:rgb(255, 200, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7572, 66.1137, 55.4863 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
200, 186) }
```

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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