

Converting Colors

XYZ(65.6449, 53.5435, 61.0135)

Have a look what the booklet for
XYZ(65.6449, 53.5435, 61.0135)
contains.

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Color

**XYZ(65.5514, 53.3888,
60.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8C7
RGB	255, 168, 199
RGB Percent	100%, 66%, 78%
CMY	0.0000, 0.3412, 0.2196
CMYK	0.00, 0.34, 0.22, 0.00
HSL	339°, 100%, 83%
HSV	339°, 34%, 100%
XYZ	65.5514, 53.3888, 60.8830
YIQ	197.5470, 41.9010, 28.0850

Conversions

Conversions Part 2

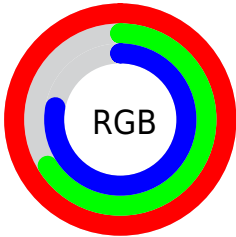
Format	Color
R_{YB}	255, 168, 199
Decimal	16754887
CIE _{Lab}	78.10, 36.14, -2.52
CIE _{LCh}	78, 36.225, 356.010
Yxy	53.3888, 0.3645, 0.2969
Android (android.graphics.Color)	4294944967 (0xFFFFA8C7)
YUV	197.5470, 0.7163, 50.3863
Hunter-Lab	73.0676, 32.2699, 1.7445

Details

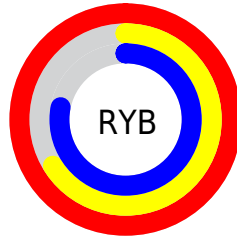
The XYZ color **65.5514, 53.3888, 60.8830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.3651, 85.2277, 83.5303**, and the grayscale version is **53.3810, 56.1610, 61.1593**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **34.2675, 26.1761, 30.0345** is the 20% darker color. If you saturate the color by 10%, you get **59.4928, 44.1588, 49.9623**, and if you desaturate by 10%, it is **72.7414, 64.5520, 73.1964**.

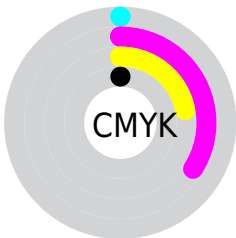
Distribution



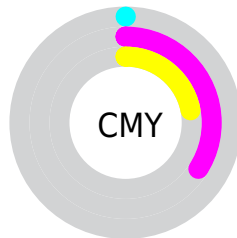
- Red (100%)
- Green (66%)
- Blue (78%)



- Red (100%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5514, 53.3888, 60.8830 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 65.5514, 53.3888, 60.8830 by changing the saturation by 10% instead.


 65.5514, 53.3888,
60.8830


 65.5514, 53.3888,
60.8830


434.2848,
399.7750, 445.7396

 48.1747, 38.1132,
43.7008


 111.9035, 95.1762,
107.6654

 34.1771, 26.0706,
30.0999


 141.6097,
122.4569, 138.1027

 23.1932, 16.8765,
19.6617

176.1563,
154.5081, 173.7954

 14.8577, 10.1464,
11.9678


215.9088,
191.7141, 215.1621

 8.8052, 5.4962,
6.5995

261.2326,
234.4594, 262.6213

 4.6705, 2.5412,
3.1383


312.4929,


 2.0880, 0.8972,


283.1284, 316.5916


1.1657


370.0552,
338.1055, 377.4915


 0.6827, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 65.5514, 53.3888,
60.8830

 65.5514, 53.3888,
60.8830


 59.4928, 44.1588,
49.9623


 72.7414, 64.5520,
73.1964

 54.5008, 36.7436,
40.3788

 81.1146, 77.7430,
86.9485

 50.5100, 31.0233,
32.0776

 90.7247, 93.0591,
102.1870

 47.4459, 26.8601,
24.9984

95.0500, 100.0000,
108.9000

■ 45.2226, 24.0946,
19.0746

■ 43.7361, 22.5319,
14.2311

■ 43.1220, 22.0128,
11.8405

Harmonies

Analogous

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



62.8724, 53.3888, 82.7291



65.5514, 53.3888, 60.8830



63.9701, 53.3888, 42.6736

Triad

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



65.5514, 53.3888, 60.8830



45.0128, 53.3888, 29.6899



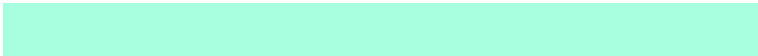
43.5170, 53.3888, 96.7606

Complementary

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



65.5514, 53.3888, 60.8830



65.3651, 85.2277, 83.5303

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.



39.4802, 53.3888, 76.9327



65.5514, 53.3888, 60.8830



40.2859, 53.3888, 38.9676

Square

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



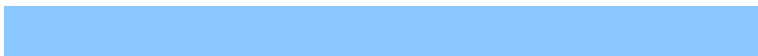
65.5514, 53.3888, 60.8830



51.6964, 53.3888, 27.2978



38.3542, 53.3888, 55.4638



49.8043, 53.3888, 106.2677

Rectangle

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



65.5514, 53.3888, 60.8830



60.7849, 53.3888, 34.3767



38.3542, 53.3888, 55.4638



41.8754, 53.3888, 90.8859

Sweetspot

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



65.5528, 53.3912, 60.8841



84.9166, 83.7832, 93.0367



62.5168, 50.9319, 101.1436



17.8926, 17.4828, 19.4625



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.



65.5528, 53.3912, 60.8841



61.2631, 46.8345, 53.2185



64.5502, 56.5709, 44.5661



18.2767, 18.0940, 20.0743



22.5965, 11.5279, 6.5254



2.2499, 1.1423, 0.8975

Inverse Universe

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



65.5528, 53.3912, 60.8841



61.2631, 46.8345, 53.2185



66.3705, 79.8869, 106.5294



18.2767, 18.0940, 20.0743



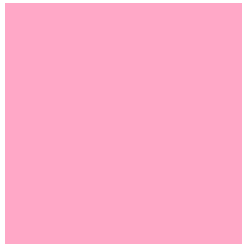
22.5965, 11.5279, 6.5254



2.2499, 1.1423, 0.8975

Previews

White Background



This preview shows how the XYZ color 65.5514, 53.3888, 60.8830 looks on a white background.

Color Contrast Check

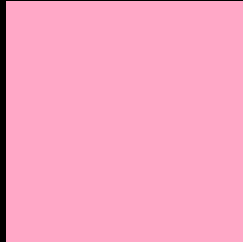
Large Text (above 18pt) WCAG AA × Fail

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 65.5514, 53.3888, 60.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

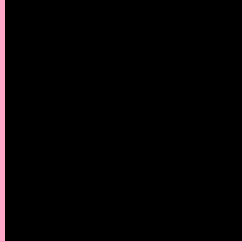
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5514, 53.3888, 60.8830

Background



This preview shows how black text looks on a background with the XYZ color 65.5514, 53.3888, 60.8830.



This preview shows how white text looks on a background with the XYZ color 65.5514, 53.3888,

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

65.5514, 53.3888, 60.8830

Protanopia

52.4731, 53.6307, 71.2045

Deuteranopia

54.4846, 53.3297, 59.0518



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

65.5514, 53.3888, 60.8830



Protanomaly

56.1737, 52.7666, 67.5459



Deuteranomaly

57.9636, 52.9589, 59.3916



Tritanomaly

64.4331, 53.4944, 55.0736

Monochromacy



Original Color

65.5514, 53.3888, 60.8830



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.1768, 54.6779, 60.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5514, 53.3888, 60.8830 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, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 199)  
}
```

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, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.5514, 53.3888, 60.8830 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, 168, 199) }
```


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

```
.border{ border-color:rgb(255, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5514, 53.3888, 60.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 199) }
```

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

```
.background{ background-color: rgb(255,  
168, 199) }
```

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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