

Converting Colors

XYZ(67.0820, 60.9735, 41.6407)

Have a look what the booklet for
XYZ(67.0820, 60.9735, 41.6407)
contains.

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Color

**XYZ(65.7828, 60.1933,
41.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA0
RGB	255, 189, 160
RGB Percent	100%, 74%, 63%
CMY	0.0000, 0.2588, 0.3725
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 100%, 81%
HSV	18°, 37%, 100%
XYZ	65.7828, 60.1933, 41.4090
YIQ	205.4280, 48.6450, 4.9730

Conversions

Conversions Part 2

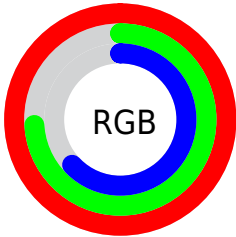
Format	Color
R _Y B	255, 202, 160
Decimal	16760224
CIE Lab	81.94, 20.11, 23.97
CIE LCh	82, 31.284, 50.001
Yxy	60.1933, 0.3930, 0.3596
Android (android.graphics.Color)	4294950304 (0xFFFFBDA0)
YUV	205.4280, -22.3960, 43.4746
Hunter-Lab	77.5843, 15.5753, 22.6643

Details

The XYZ color **65.7828, 60.1933, 41.4090** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.7425, 69.0837, 104.7935**, and the grayscale version is **58.4188, 61.4611, 66.9312**.

A 20% lighter version of the original color is **86.1581, 91.4711, 77.4046**, and **34.1357, 30.1464, 18.2071** is the 20% darker color. If you saturate the color by 10%, you get **60.1963, 52.2316, 29.6471**, and if you desaturate by 10%, it is **72.2953, 69.2745, 55.7379**.

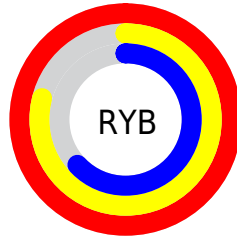
Distribution



Red (100%)

Green (74%)

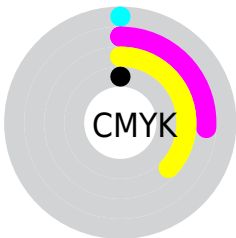
Blue (63%)



Red (100%)

Yellow (79%)

Blue (63%)

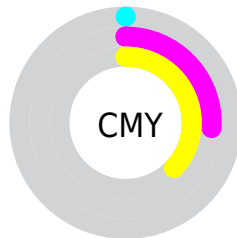


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7828, 60.1933, 41.4090 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 65.7828, 60.1933, 41.4090 by changing the saturation by 10% instead.


 65.7828, 60.1933,
41.4090


 65.7828, 60.1933,
41.4090


435.1006,
425.3099, 367.7543

 48.3632, 43.5745,
28.3167


 112.2340,
105.1100, 78.5648

 34.3270, 30.3361,
18.3234


 141.9963,
134.1767, 103.4654

 23.3090, 20.0938,
11.0106


176.6034,
168.1614, 133.1391

 14.9438, 12.4633,
5.9597

216.4209,
207.4486, 168.0045

 8.8660, 7.0600,
2.7522

261.8140,
252.4227, 208.4802

 4.7103, 3.4997,
0.9695

313.1481,

 2.1113, 1.3978,

303.4680, 254.9847

0.0000

370.7885,
360.9689, 307.9366

0.6953, 0.2151,
0.0000

0.0000, 0.0000,
0.0000

65.7828, 60.1933,
41.4090

65.7828, 60.1933,
41.4090

60.1963, 52.2316,
29.6471

72.2953, 69.2745,
55.7379

55.4865, 45.3363,
20.2947

79.7708, 79.5088,
72.7713

51.6058, 39.4623,
13.1826

88.2500, 90.9386,
92.6411

48.4998, 34.5576,
8.1172

95.0500, 100.0000,
108.9000

■ 46.1066, 30.5651,
4.8721

■ 44.3503, 27.4192,
3.1560

■ 43.9542, 26.6885,
2.8347

Harmonies

Analogous

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



70.0151, 60.1933, 53.8542



65.7828, 60.1933, 41.4090



59.4488, 60.1933, 35.8146

Triad

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



65.7828, 60.1933, 41.4090



45.5782, 60.1933, 59.4169



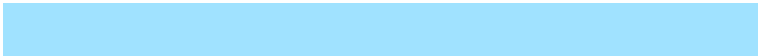
61.6734, 60.1933, 106.0733

Complementary

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



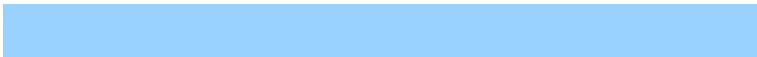
65.7828, 60.1933, 41.4090



59.7425, 69.0837, 104.7935

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.



55.0318, 60.1933, 108.3553



65.7828, 60.1933, 41.4090



46.0732, 60.1933, 78.8053

Square

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



65.7828, 60.1933, 41.4090



48.0113, 60.1933, 44.8042



49.4199, 60.1933, 97.5917



67.5188, 60.1933, 91.8524

Rectangle

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



65.7828, 60.1933, 41.4090



55.0314, 60.1933, 35.8148



49.4199, 60.1933, 97.5917



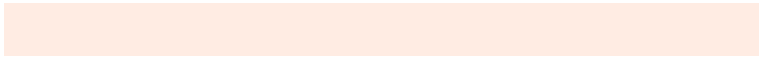
59.4493, 60.1933, 108.3550

Sweetspot

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



65.7843, 60.1962, 41.4102



84.9540, 86.5149, 84.8584



67.6073, 51.9206, 78.7705



17.9359, 18.1840, 17.5818



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.



65.7843, 60.1962, 41.4102



61.3777, 53.9321, 32.0827



77.5808, 83.7892, 45.3424



18.4616, 18.8914, 18.8177



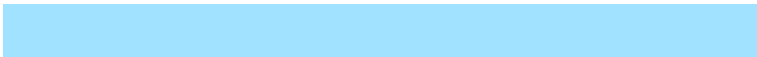
23.0817, 14.1747, 1.5194



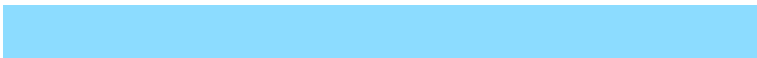
2.3389, 1.5632, 0.1785

Inverse Universe

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



59.7425, 69.0837, 104.7935



54.4912, 63.9849, 104.0861



48.6678, 46.9344, 101.1019



18.0594, 19.4903, 23.0601



17.7995, 20.5086, 52.4550



1.8297, 2.1901, 5.1396

Previews

White Background



This preview shows how the XYZ color 65.7828, 60.1933, 41.4090 looks on a white background.

Color Contrast Check

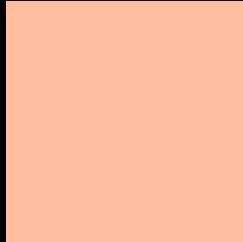
Large Text (above 18pt) WCAG AA × Fail

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 65.7828, 60.1933, 41.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

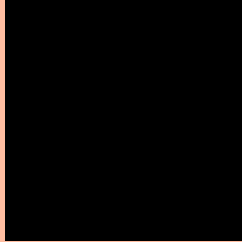
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7828, 60.1933, 41.4090

Background



This preview shows how black text looks on a background with the XYZ color 65.7828, 60.1933, 41.4090.



This preview shows how white text looks on a background with the XYZ color 65.7828, 60.1933,

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

65.7828, 60.1933, 41.4090

Protanopia

56.8868, 60.5747, 45.2530

Deuteranopia

61.5945, 60.3338, 41.2001



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

65.7828, 60.1933, 41.4090

Protanomaly

59.7574, 60.3502, 43.6212

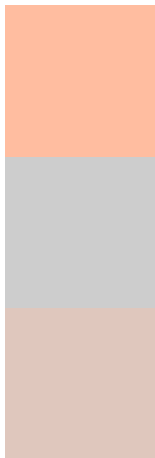
Deuteranomaly

62.9842, 60.0556, 41.0732

Tritanomaly

67.4506, 59.8385, 53.3424

Monochromacy



Original Color

65.7828, 60.1933, 41.4090

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0402, 60.2089, 56.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7828, 60.1933, 41.4090 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, 189, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 160)  
}
```

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, 189, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 160) }
```

Border

The CSS property to change the border of an element to XYZ 65.7828, 60.1933, 41.4090 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, 189, 160) }
```


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

```
.border{ border-color:rgb(255, 189, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7828, 60.1933, 41.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 160) }
```

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

```
.background{ background-color: rgb(255,  
189, 160) }
```

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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