

Converting Colors

XYZ(128.3740, 93.1961,
33.6412)

Have a look what the booklet for
XYZ(128.3740, 93.1961, 33.6412)
contains.

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Color

**XYZ(64.1739, 60.2428,
30.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBF86
RGB	255, 191, 134
RGB Percent	100%, 75%, 53%
CMY	0.0000, 0.2510, 0.4745
CMYK	0.00, 0.25, 0.47, 0.00
HSL	28°, 100%, 76%
HSV	28°, 47%, 100%
XYZ	64.1739, 60.2428, 30.8000
YIQ	203.6380, 56.4410, -4.1590

Conversions

Conversions Part 2

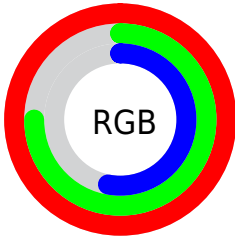
Format	Color
R _Y B	255, 242, 134
Decimal	16760710
CIE Lab	81.97, 16.36, 37.63
CIE LCh	82, 41.027, 66.503
Yxy	60.2428, 0.4134, 0.3881
Android (android.graphics.Color)	4294950790 (0xFFFFBF86)
YUV	203.6380, -34.3315, 45.0445
Hunter-Lab	77.6162, 11.7572, 30.8037

Details

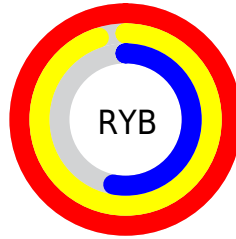
The XYZ color **64.1739, 60.2428, 30.8000** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.0748, 52.6745, 102.2410**, and the grayscale version is **57.3521, 60.3389, 65.7091**.

A 20% lighter version of the original color is **83.5779, 91.4124, 60.8163**, and **33.4148, 30.5373, 12.3167** is the 20% darker color. If you saturate the color by 10%, you get **59.7986, 54.0035, 21.5999**, and if you desaturate by 10%, it is **69.2518, 67.2011, 42.3509**.

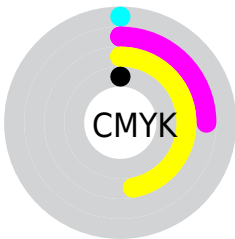
Distribution



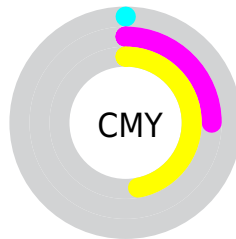
- Red (100%)
- Green (75%)
- Blue (53%)



- Red (100%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1739, 60.2428, 30.8000 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 64.1739, 60.2428, 30.8000 by changing the saturation by 10% instead.


 64.1739, 60.2428,
30.8000

 64.1739, 60.2428,
30.8000


429.4096,
425.4921, 319.9385

 47.0537, 43.6144,
20.1894


 109.9337,
105.1818, 62.0009

 33.2863, 30.3675,
12.3474


 139.3040,
134.2612, 83.4284

 22.5061, 20.1177,
6.8553


 173.4884,
168.2596, 109.2985

 14.3479, 12.4806,
3.2947

212.8523,
207.5616, 140.0299

 8.4464, 7.0719,
1.2470

257.7611,
252.5514, 176.0410

 4.4361, 3.5071,
0.0178

308.5799,

 1.9517, 1.4019,

303.6135, 217.7505

0.0000

365.6743,
361.1323, 265.5768

■ 0.6066, 0.2181,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1739, 60.2428,
30.8000

■ 64.1739, 60.2428,
30.8000

■ 59.7986, 54.0035,
21.5999

■ 69.2518, 67.2011,
42.3509

■ 56.0828, 48.4475,
14.5795

■ 75.0632, 74.8950,
56.4000

■ 52.9849, 43.5482,
9.5499

■ 81.6419, 83.3511,
73.0866

■ 50.4550, 39.2729,
6.2878

■ 89.0185, 92.5921,
92.5387

■ 48.4300, 35.5831, 95.0499, 100.0000,
4.5024 108.9000

■ 47.9727, 34.7255,
4.1743

Harmonies

Analogous

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



71.7489, 60.2428, 41.0721



64.1739, 60.2428, 30.8000



55.3895, 60.2428, 28.6440

Triad

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



64.1739, 60.2428, 30.8000



42.2265, 60.2428, 71.1578



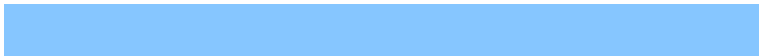
67.7716, 60.2428, 112.0029

Complementary

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



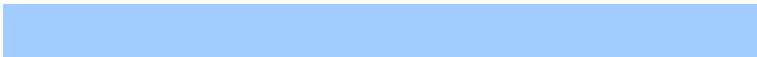
64.1739, 60.2428, 30.8000



48.0748, 52.6745, 102.2410

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.



59.1700, 60.2428, 125.4647



64.1739, 60.2428, 30.8000



44.8643, 60.2428, 98.3324

Square

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



64.1739, 60.2428, 30.8000



43.2770, 60.2428, 48.3238



50.8595, 60.2428, 119.9157



73.9683, 60.2428, 86.5553

Rectangle

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



64.1739, 60.2428, 30.8000



50.1298, 60.2428, 31.4447



50.8595, 60.2428, 119.9157



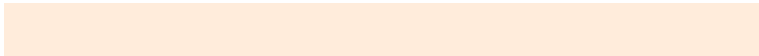
65.0340, 60.2428, 118.3382

Sweetspot

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



64.1754, 60.2457, 30.8012



84.0955, 86.4497, 79.4793



60.0201, 42.4126, 58.7728



17.6691, 18.0867, 16.1478



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.



64.1754, 60.2457, 30.8012



59.9812, 54.2697, 21.9659



80.0299, 91.9547, 36.0860



18.7150, 19.3983, 18.9022



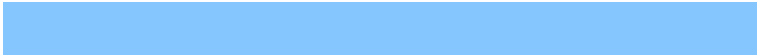
25.2135, 18.4383, 2.2301



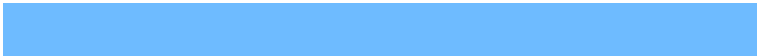
2.5633, 2.0119, 0.2532

Inverse Universe

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



48.0748, 52.6745, 102.2410



42.1062, 45.8510, 101.2386



36.9754, 30.4756, 98.5411



17.7983, 18.9682, 22.9731



14.0996, 13.1088, 51.2217



1.4823, 1.4952, 5.0238

Previews

White Background



This preview shows how the XYZ color 64.1739, 60.2428, 30.8000 looks on a white background.

Color Contrast Check

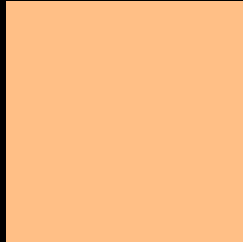
Large Text (above 18pt) WCAG AA × Fail

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 64.1739, 60.2428, 30.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

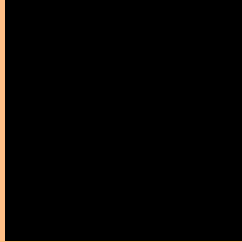
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1739, 60.2428, 30.8000

Background



This preview shows how black text looks on a background with the XYZ color 64.1739, 60.2428, 30.8000.



This preview shows how white text looks on a background with the XYZ color 64.1739, 60.2428,

30.8000.

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

64.1739, 60.2428, 30.8000

Protanopia

56.0719, 60.4220, 33.1334

Deuteranopia

61.4049, 60.1361, 30.5613



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

64.1739, 60.2428, 30.8000

Protanomaly

58.5431, 59.9766, 32.1580

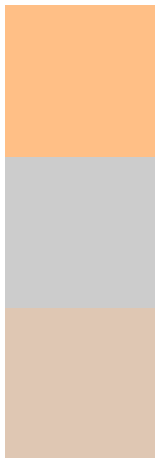
Deuteranomaly

62.5923, 60.4168, 30.5529

Tritanomaly

66.7482, 59.8958, 48.6005

Monochromacy



Original Color

64.1739, 60.2428, 30.8000

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.9915, 59.7895, 51.0792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1739, 60.2428, 30.8000 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, 191, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 134)  
}
```

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, 191, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 134) }
```

Border

The CSS property to change the border of an element to XYZ 64.1739, 60.2428, 30.8000 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, 191, 134) }
```


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

```
.border{ border-color:rgb(255, 191, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 134); box-shadow:4px 4px 4px 4px rgb(255, 191, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1739, 60.2428, 30.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 134) }
```

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

```
.background{ background-color: rgb(255,  
191, 134) }
```

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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