

Converting Colors

XYZ(92.9196, 76.3887, 33.7317)

Have a look what the booklet for
XYZ(92.9196, 76.3887, 33.7317)
contains.

XYZ(65.3426, 62.1252, 32.5922)	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(65.3426, 62.1252,
32.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC38A
RGB	255, 195, 138
RGB Percent	100%, 76%, 54%
CMY	0.0000, 0.2353, 0.4588
CMYK	0.00, 0.24, 0.46, 0.00
HSL	29°, 100%, 77%
HSV	29°, 46%, 100%
XYZ	65.3426, 62.1252, 32.5922
YIQ	206.4420, 54.0570, -5.0070

Conversions

Conversions Part 2

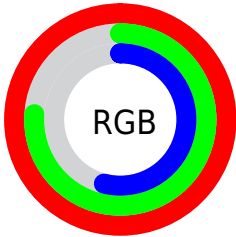
Format	Color
R_{YB}	255, 249, 138
Decimal	16761738
CIE _{Lab}	82.98, 14.65, 36.87
CIE _{LCh}	83, 39.672, 68.328
Yxy	62.1252, 0.4082, 0.3881
Android (android.graphics.Color)	4294951818 (0xFFFFC38A)
YUV	206.4420, -33.7419, 42.5854
Hunter-Lab	78.8195, 10.0450, 30.6570

Details

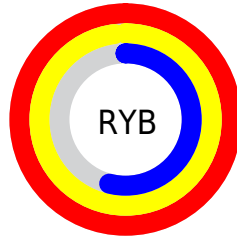
The XYZ color **65.3426, 62.1252, 32.5922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7245, 53.0094, 102.2714**, and the grayscale version is **59.1363, 62.2160, 67.7532**.

A 20% lighter version of the original color is **85.5648, 94.6866, 63.6358**, and **34.0101, 31.4736, 13.2993** is the 20% darker color. If you saturate the color by 10%, you get **60.9064, 55.8687, 23.0498**, and if you desaturate by 10%, it is **70.4718, 69.0742, 44.5050**.

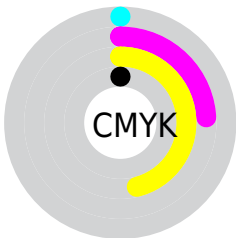
Distribution



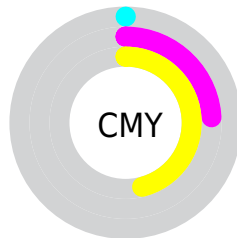
- Red (100%)
- Green (76%)
- Blue (54%)



- Red (100%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3426, 62.1252, 32.5922 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 65.3426, 62.1252, 32.5922 by changing the saturation by 10% instead.


 65.3426, 62.1252,
32.5922


 65.3426, 62.1252,
32.5922


433.5479,
432.3876, 328.3836


 48.0047, 45.1339,
21.5457


 111.6052,
107.9065, 64.8470

 34.0418, 31.5629,
13.3283


 141.2607,
137.4652, 86.8923

 23.0888, 21.0278,
7.5216


 175.7526,
171.9818, 113.4410

 14.7801, 13.1444,
3.7071

215.4465,
211.8408, 144.9116

 8.7505, 7.5280,
1.4661

260.7075,
257.4264, 181.7226

 4.6346, 3.7945,
0.1925

311.9012,

 2.0671, 1.5593,

309.1232, 224.2926

0.0000

369.3929,
367.3155, 273.0401

■ 0.6712, 0.3299,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3426, 62.1252,
32.5922

■ 65.3426, 62.1252,
32.5922

■ 60.9064, 55.8687,
23.0498

■ 70.4718, 69.0742,
44.5050

■ 57.1214, 50.2702,
15.7097

■ 76.3237, 76.7306,
58.9330

■ 53.9474, 45.3053,
10.3876

■ 82.9312, 85.1195,
76.0137

■ 51.3365, 40.9435,
6.8664

■ 90.3239, 94.2623,
95.8734

■ 49.2308, 37.1495, 95.0500, 100.0000,
4.8775 108.9000

■ 48.4781, 35.7363,
4.3427

Harmonies

Analogous

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



72.9358, 62.1252, 42.4026



65.3426, 62.1252, 32.5922



56.6943, 62.1252, 30.8793

Triad

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



65.3426, 62.1252, 32.5922



44.2031, 62.1252, 74.7091



69.8640, 62.1252, 111.8112

Complementary

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



65.3426, 62.1252, 32.5922



48.7245, 53.0094, 102.2714

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.



61.4662, 62.1252, 125.8820



65.3426, 62.1252, 32.5922



47.0457, 62.1252, 101.3207

Square

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



65.3426, 62.1252, 32.5922



45.0249, 62.1252, 51.6749



53.1715, 62.1252, 121.6379



75.7170, 62.1252, 86.6040

Rectangle

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



65.3426, 62.1252, 32.5922



51.5716, 62.1252, 34.0356



53.1715, 62.1252, 121.6379



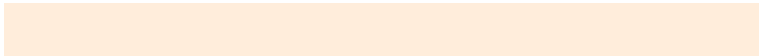
67.2145, 62.1252, 118.2471

Sweetspot

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



65.3441, 62.1282, 32.5934



84.2614, 86.7816, 79.5346



60.5739, 43.5356, 58.9098



17.7094, 18.1674, 16.1613



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.



65.3441, 62.1282, 32.5934



61.2709, 56.3936, 23.8001



80.9686, 93.3771, 37.8016



18.7400, 19.4481, 18.9105



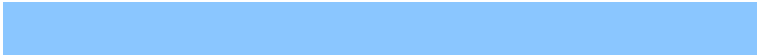
25.4792, 18.9696, 2.3186



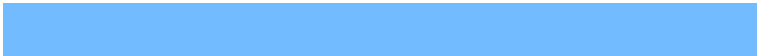
2.5897, 2.0648, 0.2620

Inverse Universe

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



48.7245, 53.0094, 102.2714



42.7870, 46.2471, 101.2792



37.9026, 31.3656, 98.6641



17.7732, 18.9181, 22.9648



13.8055, 12.5206, 51.1237



1.4536, 1.4379, 5.0142

Previews

White Background



This preview shows how the XYZ color 65.3426, 62.1252, 32.5922 looks on a white background.

Color Contrast Check

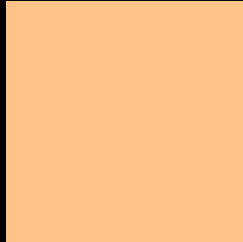
Large Text (above 18pt) WCAG AA × Fail

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 65.3426, 62.1252, 32.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

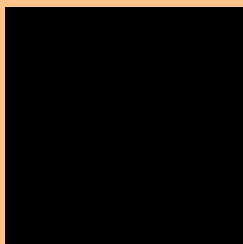
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3426, 62.1252, 32.5922

Background



This preview shows how black text looks on a background with the XYZ color 65.3426, 62.1252, 32.5922.



This preview shows how white text looks on a background with the XYZ color 65.3426, 62.1252,

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

65.3426, 62.1252, 32.5922

Protanopia

58.0112, 62.4561, 34.9843

Deuteranopia

63.4208, 62.1508, 32.3206



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

65.3426, 62.1252, 32.5922

Protanomaly

60.4246, 62.2971, 34.0391

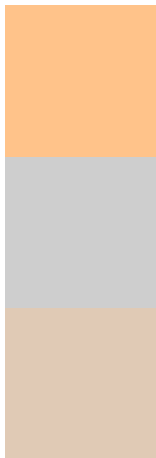
Deuteranomaly

64.2653, 62.2479, 32.2948

Tritanomaly

68.0075, 61.7763, 50.9875

Monochromacy



Original Color

65.3426, 62.1252, 32.5922

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2015, 61.4245, 52.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3426, 62.1252, 32.5922 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, 195, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 138)  
}
```

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, 195, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 138) }
```

Border

The CSS property to change the border of an element to XYZ 65.3426, 62.1252, 32.5922 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, 195, 138) }
```


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

```
.border{ border-color:rgb(255, 195, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3426, 62.1252, 32.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 138) }
```

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

```
.background{ background-color: rgb(255,  
195, 138) }
```

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