

Converting Colors

XYZ(147.7870, 104.7993,
36.0449)

Have a look what the booklet for
XYZ(147.7870, 104.7993, 36.0449)
contains.

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Color

**XYZ(65.4953, 62.5460,
32.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC489
RGB	255, 196, 137
RGB Percent	100%, 77%, 54%
CMY	0.0000, 0.2313, 0.4627
CMYK	0.00, 0.23, 0.46, 0.00
HSL	30°, 100%, 77%
HSV	30°, 46%, 100%
XYZ	65.4953, 62.5460, 32.2875
YIQ	206.9150, 54.1030, -5.8410

Conversions

Conversions Part 2

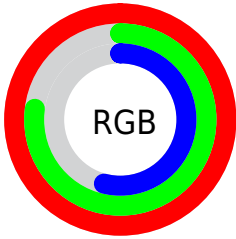
Format	Color
R _Y B	255, 255, 137
Decimal	16761993
CIE Lab	83.20, 14.03, 37.67
CIE LCh	83, 40.200, 69.568
Yxy	62.5460, 0.4085, 0.3901
Android (android.graphics.Color)	4294952073 (0xFFFFC489)
YUV	206.9150, -34.4681, 42.1705
Hunter-Lab	79.0860, 9.4247, 31.1546

Details

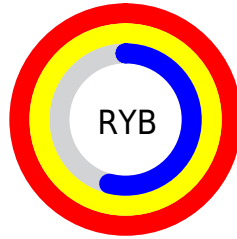
The XYZ color **65.4953, 62.5460, 32.2875** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1056, 52.0161, 102.1122**, and the grayscale version is **59.4454, 62.5412, 68.1073**.

A 20% lighter version of the original color is **85.7692, 95.2721, 63.1591**, and **34.1177, 31.7537, 13.1350** is the 20% darker color. If you saturate the color by 10%, you get **61.1236, 56.3922, 22.8475**, and if you desaturate by 10%, it is **70.5467, 69.3675, 44.0878**.

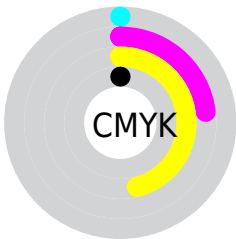
Distribution



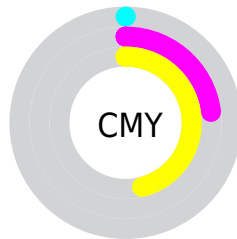
- Red (100%)
- Green (77%)
- Blue (54%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4953, 62.5460, 32.2875 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 65.4953, 62.5460, 32.2875 by changing the saturation by 10% instead.

 65.4953, 62.5460,
32.2875


 65.4953, 62.5460,
32.2875


434.0869,
433.9199, 326.9598

 48.1290, 45.4740,
21.3146


 111.8234,
108.5143, 64.3647

 34.1407, 31.8310,
13.1606


 141.5159,
138.1793, 86.3060

 23.1651, 21.2324,
7.4072


 176.0479,
172.8109, 112.7405

 14.8369, 13.2940,
3.6358

215.7846,
212.7934, 144.0867

 8.7905, 7.6313,
1.4277

261.0916,
258.5111, 180.7632

 4.6608, 3.8599,
0.1632

312.3340,

 2.0824, 1.5955,

310.3485, 223.1885

0.0000

369.8773,
368.6900, 271.7812

0.6796, 0.3546,
0.0000

0.0000, 0.0000,
0.0000

65.4953, 62.5460,
32.2875

65.4953, 62.5460,
32.2875

61.1236, 56.3922,
22.8475

70.5467, 69.3675,
44.0878

57.3901, 50.8726,
15.5991

76.3070, 76.8704,
58.3937

54.2549, 45.9636,
10.3572

82.8088, 85.0793,
75.3427

51.6705, 41.6357,
6.9034

90.0814, 94.0146,
95.0616

■ 49.5789, 37.8547, 95.0499, 100.0000,
4.9665 108.9000

■ 48.8956, 36.5714,
4.4819

Harmonies

Analogous

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



73.3321, 62.5460, 41.8653



65.4953, 62.5460, 32.2875



56.7044, 62.5460, 30.8780

Triad

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



65.4953, 62.5460, 32.2875



44.4001, 62.5460, 76.3997



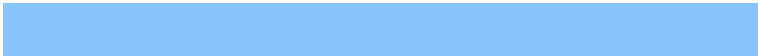
70.7807, 62.5460, 112.2288

Complementary

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



65.4953, 62.5460, 32.2875



48.1056, 52.0161, 102.1122

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.



62.2789, 62.5460, 127.2738



65.4953, 62.5460, 32.2875



47.4374, 62.5460, 103.4974

Square

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



65.4953, 62.5460, 32.2875



45.0799, 62.5460, 52.6771



53.7851, 62.5460, 123.7373



76.5847, 62.5460, 86.2775

Rectangle

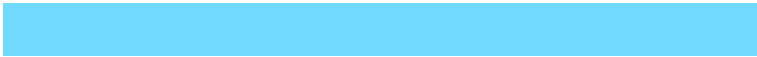
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4953, 62.5460, 32.2875



51.5523, 62.5460, 34.2932



53.7851, 62.5460, 123.7373



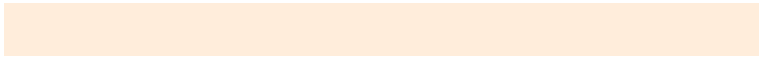
68.1115, 62.5460, 118.9859

Sweetspot

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



65.4968, 62.5490, 32.2887



84.3939, 87.0466, 79.5787



60.1498, 43.1374, 57.3812



17.7416, 18.2318, 16.1720



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.



65.4968, 62.5490, 32.2887



61.2347, 56.5522, 23.0759



81.5153, 94.5860, 37.6282



18.7598, 19.4879, 18.9171



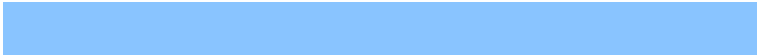
25.6984, 19.4080, 2.3917



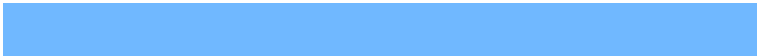
2.6114, 2.1081, 0.2693

Inverse Universe

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



48.1056, 52.0161, 102.1122



41.8136, 44.7900, 101.0493



37.3127, 30.4304, 98.5146



17.7533, 18.8783, 22.9581



13.5794, 12.0684, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 65.4953, 62.5460, 32.2875 looks on a white background.

Color Contrast Check

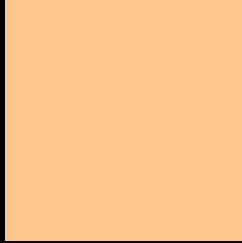
Large Text (above 18pt) WCAG AA × Fail

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 65.4953, 62.5460, 32.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

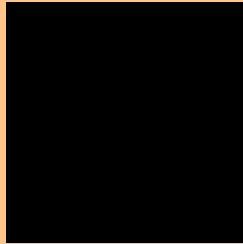
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4953, 62.5460, 32.2875

Background



This preview shows how black text looks on a background with the XYZ color 65.4953, 62.5460, 32.2875.



This preview shows how white text looks on a background with the XYZ color 65.4953, 62.5460,

32.2875.

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

65.4953, 62.5460, 32.2875

Protanopia

58.2466, 62.5862, 34.6016

Deuteranopia

63.7049, 62.3055, 31.9611



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

65.4953, 62.5460, 32.2875

Protanomaly

60.6816, 62.4382, 33.6645

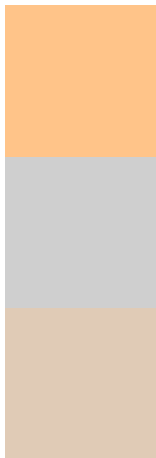
Deuteranomaly

64.1938, 62.2193, 31.9187

Tritanomaly

68.2263, 62.2139, 51.0604

Monochromacy



Original Color

65.4953, 62.5460, 32.2875

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.5399, 61.9366, 53.0201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4953, 62.5460, 32.2875 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, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 137)  
}
```

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, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 137) }
```

Border

The CSS property to change the border of an element to XYZ 65.4953, 62.5460, 32.2875 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, 196, 137) }
```


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

```
.border{ border-color:rgb(255, 196, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4953, 62.5460, 32.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 137) }
```

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

```
.background{ background-color: rgb(255,  
196, 137) }
```

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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