

Converting Colors

XYZ(128.8943, 94.2766,
35.2410)

Have a look what the booklet for
XYZ(128.8943, 94.2766, 35.2410)
contains.

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Color

**XYZ(64.8253, 61.2061,
32.0642)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC189
RGB	255, 193, 137
RGB Percent	100%, 76%, 54%
CMY	0.0000, 0.2431, 0.4627
CMYK	0.00, 0.24, 0.46, 0.00
HSL	28°, 100%, 77%
HSV	28°, 46%, 100%
XYZ	64.8253, 61.2061, 32.0642
YIQ	205.1540, 54.9280, -4.2720

Conversions

Conversions Part 2

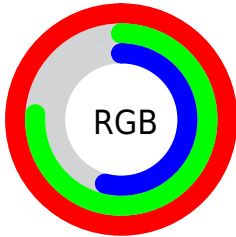
Format	Color
R _Y B	255, 244, 137
Decimal	16761225
CIE Lab	82.49, 15.60, 36.75
CIE LCh	82, 39.922, 67.002
Yxy	61.2061, 0.4100, 0.3871
Android (android.graphics.Color)	4294951305 (0xFFFFC189)
YUV	205.1540, -33.5999, 43.7149
Hunter-Lab	78.2343, 10.9958, 30.4641

Details

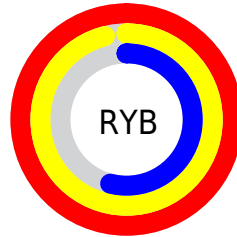
The XYZ color **64.8253, 61.2061, 32.0642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7890, 53.3829, 102.3399**, and the grayscale version is **58.3104, 61.3471, 66.8069**.

A 20% lighter version of the original color is **84.5197, 92.7730, 62.7425**, and **33.6773, 30.8729, 12.9882** is the 20% darker color. If you saturate the color by 10%, you get **60.3794, 54.9039, 22.5994**, and if you desaturate by 10%, it is **69.9748, 68.2237, 43.8972**.

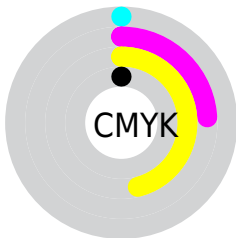
Distribution



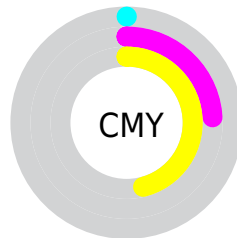
- Red (100%)
- Green (76%)
- Blue (54%)



- Red (100%)
- Yellow (96%)
- 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 64.8253, 61.2061, 32.0642 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 64.8253, 61.2061, 32.0642 by changing the saturation by 10% instead.


 64.8253, 61.2061,
32.0642

 64.8253, 61.2061,
32.0642


431.7190,
429.0293, 325.9133


 47.5836, 44.3915,
21.1453


 110.8658,
106.5773, 64.0108

 33.7071, 30.9784,
13.0380


 140.3952,
135.9027, 85.8756

 22.8305, 20.5824,
7.3237


 174.7514,
170.1672, 112.2261

 14.5884, 12.8191,
3.5838

214.2995,
209.7551, 143.4809

 8.6155, 7.3041,
1.3999

259.4050,
255.0509, 180.0584

 4.5463, 3.6530,
0.1417

310.4331,

 2.0156, 1.4814,

306.4389, 222.3773

0.0000

367.7494,
364.3036, 270.8561

■ 0.6427, 0.2756,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.8253, 61.2061,
32.0642

■ 64.8253, 61.2061,
32.0642

■ 60.3794, 54.9039,
22.5994

■ 69.9748, 68.2237,
43.8972

■ 56.5946, 49.2817,
15.3340

■ 75.8581, 75.9727,
58.2440

■ 53.4299, 44.3137,
10.0822

■ 82.5088, 84.4794,
75.2427

■ 50.8366, 39.9680,
6.6255

■ 89.9571, 93.7660,
95.0201

■ 48.7556, 36.2080, 95.0499, 99.9999,
4.6920 108.9000

■ 48.0808, 34.9419,
4.2103

Harmonies

Analogous

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



72.2905, 61.2061, 42.1687



64.8253, 61.2061, 32.0642



56.1968, 61.2061, 30.0301

Triad

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



64.8253, 61.2061, 32.0642



43.3581, 61.2061, 72.5383



68.6215, 61.2061, 111.6691

Complementary

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



64.8253, 61.2061, 32.0642



48.7890, 53.3829, 102.3399

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.



60.1982, 61.2061, 125.0280



64.8253, 61.2061, 32.0642



46.0273, 61.2061, 99.1223

Square

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



64.8253, 61.2061, 32.0642



44.3371, 61.2061, 49.9140



51.9950, 61.2061, 119.9487



74.6276, 61.2061, 86.7457

Rectangle

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



64.8253, 61.2061, 32.0642



51.0369, 61.2061, 32.9238



51.9950, 61.2061, 119.9487



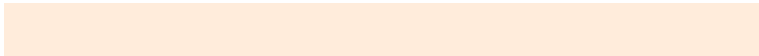
65.9485, 61.2061, 117.9072

Sweetspot

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



64.8268, 61.2090, 32.0654



84.1315, 86.5219, 79.4913



60.6034, 43.3188, 59.7704



17.6779, 18.1042, 16.1507



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.



64.8268, 61.2090, 32.0654



60.4923, 55.0674, 22.8285



80.2733, 92.1019, 37.2142



18.7205, 19.4091, 18.9040



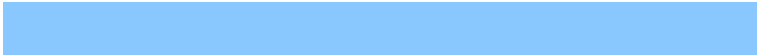
25.2704, 18.5521, 2.2490



2.5689, 2.0233, 0.2551

Inverse Universe

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



48.7890, 53.3829, 102.3399



42.5753, 46.3133, 101.3032



37.8821, 31.5691, 98.7043



17.7928, 18.9573, 22.9713



14.0346, 12.9788, 51.2000



1.4759, 1.4826, 5.0216

Previews

White Background



This preview shows how the XYZ color 64.8253, 61.2061, 32.0642 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 64.8253, 61.2061, 32.0642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

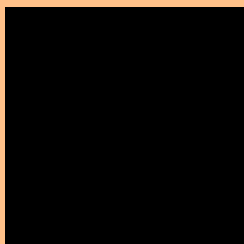
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8253, 61.2061, 32.0642

Background



This preview shows how black text looks on a background with the XYZ color 64.8253, 61.2061, 32.0642.



This preview shows how white text looks on a background with the XYZ color 64.8253, 61.2061,

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

64.8253, 61.2061, 32.0642

Protanopia

56.8380, 61.1452, 34.3977

Deuteranopia

62.7680, 61.4842, 31.8520



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

64.8253, 61.2061, 32.0642

Protanomaly

59.5520, 61.1592, 33.4771

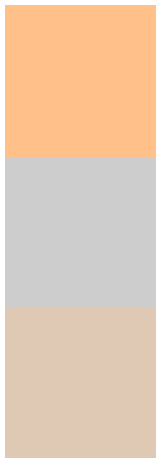
Deuteranomaly

63.6082, 61.5814, 31.8264

Tritanomaly

67.5893, 61.2612, 49.8572

Monochromacy



Original Color

64.8253, 61.2061, 32.0642

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.5563, 60.7566, 51.7682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8253, 61.2061, 32.0642 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, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 137) }
```

Border

The CSS property to change the border of an element to XYZ 64.8253, 61.2061, 32.0642 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, 193, 137) }
```


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

```
.border{ border-color:rgb(255, 193, 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, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8253, 61.2061, 32.0642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 137) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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