

Converting Colors

XYZ(90.7960, 71.0914, 36.6831)

Have a look what the booklet for
XYZ(90.7960, 71.0914, 36.6831)
contains.

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Color

**XYZ(63.2344, 56.8225,
35.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB693
RGB	255, 182, 147
RGB Percent	100%, 71%, 58%
CMY	0.0000, 0.2862, 0.4235
CMYK	0.00, 0.29, 0.42, 0.00
HSL	19°, 100%, 79%
HSV	19°, 42%, 100%
XYZ	63.2344, 56.8225, 35.2388
YIQ	199.8370, 54.7430, 4.5910

Conversions

Conversions Part 2

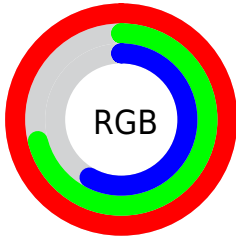
Format	Color
R_{YB}	255, 199, 147
Decimal	16758419
CIE _{Lab}	80.08, 22.35, 28.34
CIE _{LCh}	80, 36.095, 51.734
Yxy	56.8225, 0.4072, 0.3659
Android (android.graphics.Color)	4294948499 (0xFFFFB693)
YUV	199.8370, -26.0486, 48.3780
Hunter-Lab	75.3807, 17.8216, 25.0497

Details

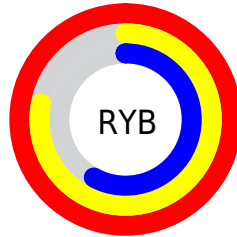
The XYZ color **63.2344, 56.8225, 35.2388** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.6747, 64.6068, 104.1435**, and the grayscale version is **54.9323, 57.7931, 62.9367**.

A 20% lighter version of the original color is **82.3572, 86.6261, 67.6382**, and **32.7265, 28.2808, 14.8002** is the 20% darker color. If you saturate the color by 10%, you get **58.1360, 49.4809, 24.7375**, and if you desaturate by 10%, it is **69.2136, 65.2159, 48.2228**.

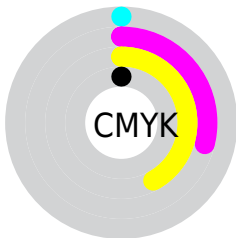
Distribution



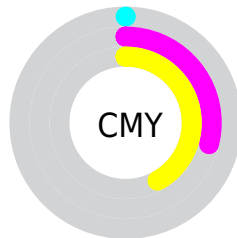
- Red (100%)
- Green (71%)
- Blue (58%)



- Red (100%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2344, 56.8225, 35.2388 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 63.2344, 56.8225, 35.2388 by changing the saturation by 10% instead.


 63.2344, 56.8225,
35.2388

 63.2344, 56.8225,
35.2388


426.0658,
412.7839, 340.5574

 46.2902, 40.8627,
23.5619


 108.5875,
100.2061, 69.0113

 32.6805, 28.2119,
14.7997


 137.7272,
128.3988, 91.9439

 22.0399, 18.4854,
8.5339


171.6627,
161.4379, 119.4656

 14.0030, 11.2991,
4.3458

210.7595,
199.7079, 151.9947

 8.2044, 6.2684,
1.8169

255.3828,
243.5931, 189.9499

 4.2789, 3.0089,
0.4391

305.8981,

 1.8611, 1.1364,

293.4779, 233.7498

0.0000

362.6706,
349.7467, 283.8127

■ 0.5541, 0.0088,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2344, 56.8225,
35.2388

■ 63.2344, 56.8225,
35.2388

■ 58.1360, 49.4809,
24.7375

■ 69.2136, 65.2159,
48.2228

■ 53.8688, 43.1394,
16.5543

■ 76.1112, 74.6934,
63.8328

■ 50.3842, 37.7544,
10.5095

■ 83.9675, 85.2960,
82.2053

■ 47.6263, 33.2748,
6.3953

■ 92.8193, 97.0601,
103.4662

■ 45.5294, 29.6440, 95.0499, 100.0000,
3.9610 108.9000

■ 44.3066, 27.3934,
2.9522

Harmonies

Analogous

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



68.2166, 56.8225, 48.0698



63.2344, 56.8225, 35.2388



56.0639, 56.8225, 29.8567

Triad

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



63.2344, 56.8225, 35.2388



41.2038, 56.8225, 56.2357



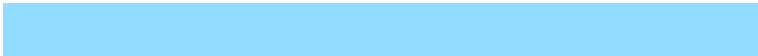
59.4079, 56.8225, 107.5555

Complementary

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



63.2344, 56.8225, 35.2388



55.6747, 64.6068, 104.1435

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.



52.0031, 56.8225, 111.1438



63.2344, 56.8225, 35.2388



41.9237, 56.8225, 78.0869

Square

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



63.2344, 56.8225, 35.2388



43.6620, 56.8225, 40.0508



45.7259, 56.8225, 99.3661



65.8716, 56.8225, 90.4492

Rectangle

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



63.2344, 56.8225, 35.2388



51.1868, 56.8225, 30.1190



45.7259, 56.8225, 99.3661



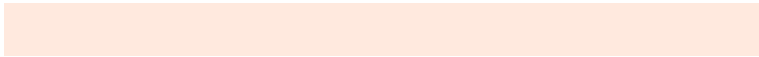
56.9312, 56.8225, 110.5169

Sweetspot

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



63.2358, 56.8253, 35.2399



83.4291, 84.5746, 80.9292



64.6984, 47.3377, 73.9943



17.4711, 17.5840, 16.4107



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.



63.2358, 56.8253, 35.2399



58.7760, 50.4145, 26.0184



76.2722, 82.8979, 39.5854



18.4901, 18.9483, 18.8272



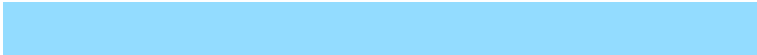
23.2708, 14.5529, 1.5825



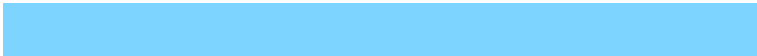
2.3601, 1.6057, 0.1855

Inverse Universe

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



55.6747, 64.6068, 104.1435



50.2560, 59.0879, 103.3641



43.8652, 40.9879, 100.2070



18.0295, 19.4305, 23.0502



17.3162, 19.5419, 52.2939



1.7854, 2.1014, 5.1248

Previews

White Background



This preview shows how the XYZ color 63.2344, 56.8225, 35.2388 looks on a white background.

Color Contrast Check

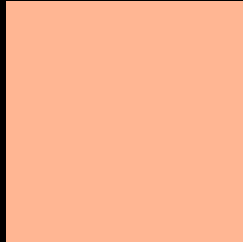
Large Text (above 18pt) WCAG AA × Fail

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 63.2344, 56.8225, 35.2388 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 63.2344, 56.8225, 35.2388

Background



This preview shows how black text looks on a background with the XYZ color 63.2344, 56.8225, 35.2388.



This preview shows how white text looks on a background with the XYZ color 63.2344, 56.8225,

35.2388.

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

63.2344, 56.8225, 35.2388

Protanopia

53.4075, 57.1770, 38.7932

Deuteranopia

58.3337, 57.1388, 34.7424



Tritanopia

66.4547, 56.8185, 56.1797

Trichromacy



Original Color

63.2344, 56.8225, 35.2388

Protanomaly

56.6508, 56.8683, 37.2690

Deuteranomaly

60.1337, 57.0964, 35.0455

Tritanomaly

65.0001, 56.5562, 47.5350

Monochromacy



Original Color

63.2344, 56.8225, 35.2388

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9257, 56.6918, 51.6584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2344, 56.8225, 35.2388 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, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 147)  
}
```

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, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 147) }
```

Border

The CSS property to change the border of an element to XYZ 63.2344, 56.8225, 35.2388 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, 182, 147) }
```


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

```
.border{ border-color:rgb(255, 182, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2344, 56.8225, 35.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 147) }
```

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

```
.background{ background-color: rgb(255,  
182, 147) }
```

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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