

Converting Colors

XYZ(63.4314, 56.5747, 37.2826)

Have a look what the booklet for
XYZ(63.4314, 56.5747, 37.2826)
contains.

XYZ(63.4314, 56.5747, 37.2826)	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(63.4314, 56.5747,
37.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB598
RGB	255, 181, 152
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2902, 0.4039
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.4314, 56.5747, 37.2826
YIQ	199.8200, 53.4130, 6.6690

Conversions

Conversions Part 2

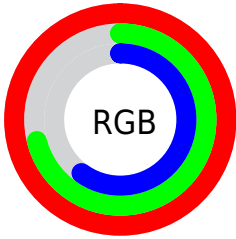
Format	Color
R_{YB}	255, 192, 152
Decimal	16758168
CIE _{Lab}	79.94, 23.41, 25.49
CIE _{LCh}	80, 34.612, 47.440
Yxy	56.5747, 0.4033, 0.3597
Android (android.graphics.Color)	4294948248 (0xFFFFB598)
YUV	199.8200, -23.5753, 48.3929
Hunter-Lab	75.2162, 18.9046, 23.2629

Details

The XYZ color **63.4314, 56.5747, 37.2826** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1942, 68.2856, 104.7210**, and the grayscale version is **54.9076, 57.7671, 62.9084**.

A 20% lighter version of the original color is **82.6648, 86.2846, 70.6902**, and **32.8331, 28.1137, 16.0079** is the 20% darker color. If you saturate the color by 10%, you get **58.0801, 48.8628, 26.2791**, and if you desaturate by 10%, it is **69.7243, 65.4512, 50.8161**.

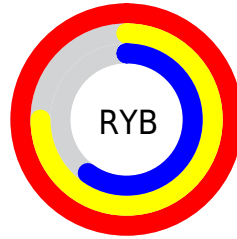
Distribution



Red (100%)

Green (71%)

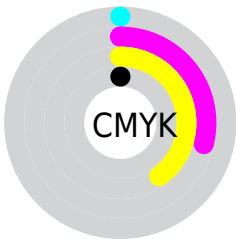
Blue (60%)



Red (100%)

Yellow (75%)

Blue (60%)

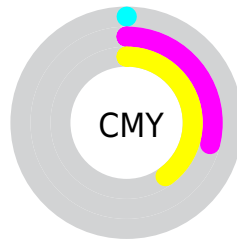


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4314, 56.5747, 37.2826 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 63.4314, 56.5747, 37.2826 by changing the saturation by 10% instead.


 63.4314, 56.5747,
37.2826

 63.4314, 56.5747,
37.2826


426.7683,
411.8537, 349.7379

 46.4503, 40.6639,
25.1289


 108.8700, 99.8444,
72.1984

 32.8074, 28.0565,
15.9532


 138.0581,
127.9720, 95.7975

 22.1375, 18.3683,
9.3370


172.0460,
160.9407, 124.0489

 14.0751, 11.2147,
4.8619

211.1989,
199.1348, 157.3710

 8.2550, 6.2114,
2.1091

255.8822,
242.9388, 196.1824

 4.3117, 2.9741,
0.6212

306.4613,

 1.8799, 1.1182,

292.7370, 240.9017

0.0000

363.3015,
348.9138, 291.9473

■ 0.5651, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4314, 56.5747,
37.2826

■ 63.4314, 56.5747,
37.2826

■ 58.0801, 48.8628,
26.2791

■ 69.7243, 65.4512,
50.8161

■ 53.6182, 42.2579,
17.6429

■ 76.9990, 75.5305,
67.0215

■ 49.9944, 36.7092,
11.1976

■ 85.2983, 86.8593,
86.0342

■ 47.1499, 32.1586,
6.7399

■ 94.6613, 99.4791,
107.9795

■ 45.0168, 28.5414, 95.0500, 100.0000,
4.0282 108.9000

■ 43.5451, 25.8701,
2.6984

Harmonies

Analogous

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



67.7096, 56.5747, 50.7227



63.4314, 56.5747, 37.2826



56.7625, 56.5747, 31.0411

Triad

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



63.4314, 56.5747, 37.2826



41.6412, 56.5747, 53.5682



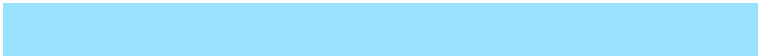
57.9215, 56.5747, 106.3452

Complementary

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



63.4314, 56.5747, 37.2826



58.1942, 68.2856, 104.7210

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.



50.8895, 56.5747, 107.5762



63.4314, 56.5747, 37.2826



41.8926, 56.5747, 73.9313

Square

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



63.4314, 56.5747, 37.2826



44.4280, 56.5747, 38.9733



45.1476, 56.5747, 94.6972



64.3433, 56.5747, 91.6299

Rectangle

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



63.4314, 56.5747, 37.2826



52.0431, 56.5747, 30.6628



45.1476, 56.5747, 94.6972



55.5399, 56.5747, 108.4484

Sweetspot

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



63.4328, 56.5774, 37.2837



83.8926, 84.9511, 82.7813



66.4074, 49.2926, 79.0743



17.7164, 17.8565, 17.1650



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.



63.4328, 56.5774, 37.2837



59.2773, 50.6049, 28.6892



75.4743, 80.6604, 41.2975



18.4258, 18.8198, 18.8058



22.8613, 13.7338, 1.4460



2.3137, 1.5127, 0.1700

Inverse Universe

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



58.1942, 68.2856, 104.7210



53.3928, 63.6399, 104.0774



46.5313, 44.9598, 100.8334



18.0972, 19.5659, 23.0727



18.4332, 21.7759, 52.6662



1.8874, 2.3055, 5.1588

Previews

White Background



This preview shows how the XYZ color 63.4314, 56.5747, 37.2826 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 63.4314, 56.5747, 37.2826 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 63.4314, 56.5747, 37.2826

Background



This preview shows how black text looks on a background with the XYZ color 63.4314, 56.5747, 37.2826.



This preview shows how white text looks on a background with the XYZ color 63.4314, 56.5747,

37.2826.

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

63.4314, 56.5747, 37.2826

Protanopia

53.4032, 56.7751, 41.4017

Deuteranopia

57.8502, 56.5213, 36.7148



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

63.4314, 56.5747, 37.2826

Protanomaly

56.6140, 56.4645, 39.8131

Deuteranomaly

59.9742, 56.6523, 37.0522

Tritanomaly

64.9969, 56.2354, 48.5031

Monochromacy



Original Color

63.4314, 56.5747, 37.2826

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1324, 56.7745, 52.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4314, 56.5747, 37.2826 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, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 152)  
}
```

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, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 152) }
```

Border

The CSS property to change the border of an element to XYZ 63.4314, 56.5747, 37.2826 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, 181, 152) }
```


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

```
.border{ border-color:rgb(255, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4314, 56.5747, 37.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 152) }
```

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

```
.background{ background-color: rgb(255,  
181, 152) }
```

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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