

Converting Colors

XYZ(60.9228, 58.8341, 37.3555)

Have a look what the booklet for
XYZ(60.9228, 58.8341, 37.3555)
contains.

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Color

**XYZ(60.7112, 58.6344,
37.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C097
RGB	241, 192, 151
RGB Percent	95%, 75%, 59%
CMY	0.0549, 0.2470, 0.4078
CMYK	0.00, 0.20, 0.37, 0.05
HSL	27°, 76%, 77%
HSV	27°, 37%, 95%
XYZ	60.7112, 58.6344, 37.3959
YIQ	201.9770, 42.3650, -2.3630

Conversions

Conversions Part 2

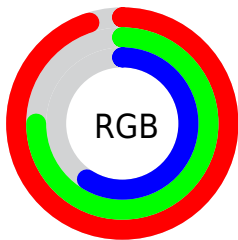
Format	Color
R _{YB}	241, 226, 151
Decimal	15843479
CIE _{Lab}	81.09, 12.11, 27.34
CIE _{LCh}	81, 29.900, 66.100
Yxy	58.6344, 0.3873, 0.3741
Android (android.graphics.Color)	4294033559 (0xFFFF1C097)
YUV	201.9770, -25.1317, 34.2232
Hunter-Lab	76.5731, 7.5213, 24.6458

Details

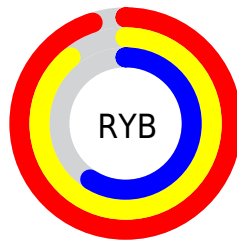
The XYZ color **60.7112, 58.6344, 37.3959** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2933, 54.2369, 91.0899**, and the grayscale version is **56.2593, 59.1891, 64.4570**.

A 20% lighter version of the original color is **85.8268, 92.8026, 71.1467**, and **31.0613, 29.4526, 16.1044** is the 20% darker color. If you saturate the color by 10%, you get **56.1974, 52.4252, 27.2023**, and if you desaturate by 10%, it is **65.8850, 65.5228, 49.7845**.

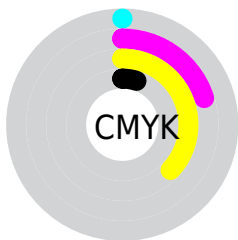
Distribution



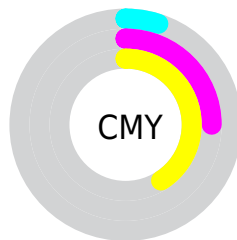
- Red (95%)
- Green (75%)
- Blue (59%)



- Red (95%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7112, 58.6344, 37.3959 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 60.7112, 58.6344, 37.3959 by changing the saturation by 10% instead.


 60.7112, 58.6344,
37.3959


 60.7112, 58.6344,
37.3959


417.0071,
419.5457, 350.2416

 44.2438, 42.3189,
25.2160


 104.9612,
102.8461, 72.3744

 31.0609, 29.3511,
16.0176

 133.4744,
131.5111, 96.0100

 20.7973, 19.3466,
9.3821


166.7336,
165.0614, 124.3013

 13.0875, 11.9210,
4.8910

205.1042,
203.8813, 157.6668

 7.5663, 6.6899,
2.1258

248.9515,
248.3553, 196.5250

 3.8681, 3.2689,
0.6311

298.6409,

 1.6278, 1.2737,

298.8678, 241.2946

0.0000

354.5376,
355.8031, 292.3939

■ 0.4104, 0.1207,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7112, 58.6344,
37.3959

■ 60.7112, 58.6344,
37.3959

■ 56.1974, 52.4252,
27.2023

■ 65.8850, 65.5228,
49.7845

■ 52.3077, 46.8637,
19.0685

■ 71.7430, 73.1040,
64.4849

■ 49.0096, 41.9280,
12.8502

■ 78.3140, 81.4013,
81.6100

■ 46.2649, 37.5911,
8.3820

■ 85.6231, 90.4347,
101.2639

■ 44.0295, 33.8232,
5.4701

■ 90.0857, 97.4408,
108.6677

■ 42.2480, 30.5894,
3.8615

■ 41.8303, 29.8101,
3.5492

Harmonies

Analogous

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



65.9497, 58.6344, 45.7336



60.7112, 58.6344, 37.3959



54.4706, 58.6344, 35.5105

Triad

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



60.7112, 58.6344, 37.3959



44.6766, 58.6344, 67.5474



63.0686, 58.6344, 95.6653

Complementary

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



60.7112, 58.6344, 37.3959



49.2933, 54.2369, 91.0899

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.



57.0092, 58.6344, 104.2581



60.7112, 58.6344, 37.3959



46.6251, 58.6344, 86.1946

Square

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



60.7112, 58.6344, 37.3959



45.5072, 58.6344, 50.9616



51.0294, 58.6344, 100.5047



67.3799, 58.6344, 78.7301

Rectangle

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



60.7112, 58.6344, 37.3959



50.6386, 58.6344, 37.7857



51.0294, 58.6344, 100.5047



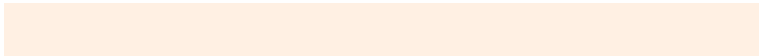
61.1522, 58.6344, 99.7556

Sweetspot

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



60.7127, 58.6372, 37.3971



86.1789, 88.9646, 85.2666



57.8265, 45.0281, 60.5945



18.2269, 18.7660, 17.6788



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.



60.7127, 58.6372, 37.3971



64.9586, 61.0940, 33.2763



72.0014, 81.2145, 41.1600



16.3660, 16.9452, 16.5579



22.8147, 16.4275, 1.9684



1.9962, 1.5631, 0.1965

Inverse Universe

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



49.2933, 54.2369, 91.0899



50.1969, 55.3962, 102.6546



40.4450, 36.5404, 88.1405



15.6103, 16.6548, 20.1136



13.1622, 12.5486, 46.8563



1.1943, 1.2426, 3.9311

Previews

White Background



This preview shows how the XYZ color 60.7112, 58.6344, 37.3959 looks on a white background.

Color Contrast Check

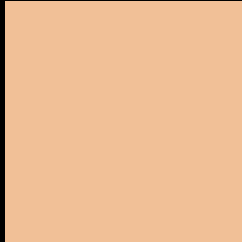
Large Text (above 18pt) WCAG AA × Fail

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 60.7112, 58.6344, 37.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

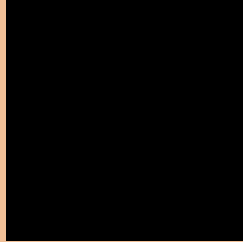
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7112, 58.6344, 37.3959

Background



This preview shows how black text looks on a background with the XYZ color 60.7112, 58.6344, 37.3959.



This preview shows how white text looks on a background with the XYZ color 60.7112, 58.6344,

37.3959.

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

60.7112, 58.6344, 37.3959

Protanopia

54.8274, 58.5869, 39.4290

Deuteranopia

59.9158, 58.5514, 37.4218



Tritanopia

65.7803, 58.4609, 62.4607

Trichromacy



Original Color

60.7112, 58.6344, 37.3959

Protanomaly

56.7673, 58.5686, 38.8848

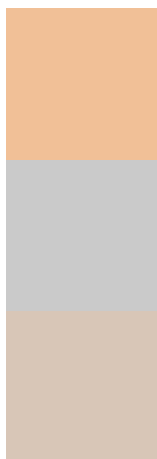
Deuteranomaly

60.2525, 58.7250, 37.4376

Tritanomaly

63.7349, 58.5769, 52.2033

Monochromacy



Original Color

60.7112, 58.6344, 37.3959

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0602, 58.4060, 53.0658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7112, 58.6344, 37.3959 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(241, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(241, 192, 151)  
}
```

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(241, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 192, 151) }
```

Border

The CSS property to change the border of an element to XYZ 60.7112, 58.6344, 37.3959 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(241, 192, 151) }
```


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

```
.border{ border-color:rgb(241, 192, 151) }
```

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

Here you see how a box with a 4 pixel rgb(241, 192, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(241, 192,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7112, 58.6344, 37.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 192, 151) }
```

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

```
.background{ background-color: rgb(241,  
192, 151) }
```

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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