

Converting Colors

XYZ(62.8299, 58.4694, 37.2740)

Have a look what the booklet for
XYZ(62.8299, 58.4694, 37.2740)
contains.

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Color

**XYZ(62.6361, 58.3405,
37.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BC97
RGB	249, 188, 151
RGB Percent	98%, 74%, 59%
CMY	0.0235, 0.2627, 0.4078
CMYK	0.00, 0.24, 0.39, 0.02
HSL	23°, 89%, 78%
HSV	23°, 39%, 98%
XYZ	62.6361, 58.3405, 37.2377
YIQ	202.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

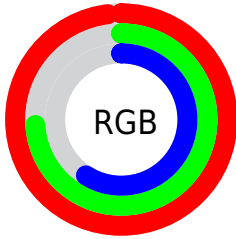
Format	Color
R _Y B	249, 210, 151
Decimal	16366743
CIE Lab	80.93, 17.32, 27.25
CIE LCh	81, 32.290, 57.567
Yxy	58.3405, 0.3959, 0.3687
Android (android.graphics.Color)	4294556823 (0xFFF9BC97)
YUV	202.0210, -25.1534, 41.2006
Hunter-Lab	76.3810, 12.7120, 24.5613

Details

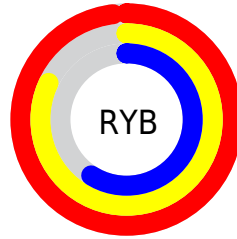
The XYZ color **62.6361, 58.3405, 37.2377** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.4041, 60.5038, 98.4864**, and the grayscale version is **56.2843, 59.2155, 64.4857**.

A 20% lighter version of the original color is **84.6101, 90.3691, 70.7412**, and **32.4501, 29.3244, 16.0065** is the 20% darker color. If you saturate the color by 10%, you get **57.6889, 51.3477, 26.6436**, and if you desaturate by 10%, it is **68.3689, 66.2207, 50.2017**.

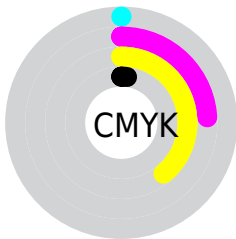
Distribution



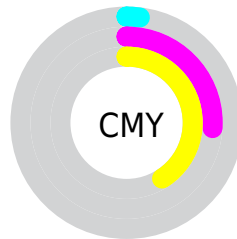
- Red (98%)
- Green (74%)
- Blue (59%)



- Red (98%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6361, 58.3405, 37.2377 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 62.6361, 58.3405, 37.2377 by changing the saturation by 10% instead.


 62.6361, 58.3405,
37.2377


 62.6361, 58.3405,
37.2377


423.9283,
418.4535, 349.5381

 45.8044, 42.0825,
25.0944


 107.7291,
102.4185, 72.1286

 32.2955, 29.1659,
15.9277


 136.7211,
131.0073, 95.7133

 21.7439, 19.2063,
9.3192

170.4974,
164.4751, 123.9488

 13.7844, 11.8195,
4.8503

209.4231,
203.2064, 157.2537

 8.0516, 6.6209,
2.1025

253.8637,
247.5854, 196.0466

 4.1800, 3.2261,
0.6173

304.1845,

 1.8045, 1.2509,

297.9967, 240.7459

0.0000

360.7509,
354.8246, 291.7702

■ 0.5204, 0.1027,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6361, 58.3405,
37.2377

■ 62.6361, 58.3405,
37.2377

■ 57.6889, 51.3477,
26.6436

■ 68.3689, 66.2207,
50.2017

■ 53.4846, 45.2009,
18.2695

■ 74.9182, 75.0113,
65.6661

■ 49.9827, 39.8672,
11.9533

■ 82.3187, 84.7447,
83.7558

■ 47.1363, 35.3080,
7.5094

■ 90.6015, 95.4490,
104.5862

■ 44.8911, 31.4805,
4.7173

■ 92.8770, 98.8798,
108.7983

■ 43.1698, 28.3313,
3.2392

■ 43.0718, 28.1493,
3.1632

Harmonies

Analogous

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



67.6470, 58.3405, 47.9610



62.6361, 58.3405, 37.2377



55.9986, 58.3405, 33.3795

Triad

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



62.6361, 58.3405, 37.2377



43.5719, 58.3405, 61.9723



61.6162, 58.3405, 102.0742

Complementary

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



62.6361, 58.3405, 37.2377



53.4041, 60.5038, 98.4864

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.



54.9068, 58.3405, 107.8698



62.6361, 58.3405, 37.2377



44.8166, 58.3405, 82.1322

Square

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



62.6361, 58.3405, 37.2377



45.2919, 58.3405, 45.7506



48.8373, 58.3405, 99.9444



67.0256, 58.3405, 85.3880

Rectangle

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



62.6361, 58.3405, 37.2377



51.6603, 58.3405, 34.4880



48.8373, 58.3405, 99.9444



59.4225, 58.3405, 105.4908

Sweetspot

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



62.6376, 58.3433, 37.2389



84.7313, 86.6284, 83.0609



62.1527, 47.0810, 68.8074



17.9130, 18.2496, 17.2306



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.



62.6376, 58.3433, 37.2389



62.0270, 55.8201, 30.4823



74.6294, 82.3269, 41.2361



17.7817, 18.2992, 18.0573



23.1813, 15.3193, 1.7351



2.2454, 1.6156, 0.1935

Inverse Universe

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



53.4041, 60.5038, 98.4864



51.0493, 58.3503, 103.1799



43.1494, 39.9943, 95.0681



17.1830, 18.4428, 22.0395



15.5662, 16.4879, 50.3356



1.5437, 1.7311, 4.6960

Previews

White Background



This preview shows how the XYZ color 62.6361, 58.3405, 37.2377 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 62.6361, 58.3405, 37.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

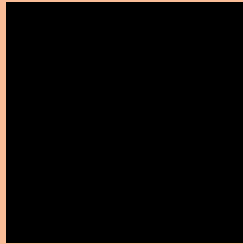
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6361, 58.3405, 37.2377

Background



This preview shows how black text looks on a background with the XYZ color 62.6361, 58.3405, 37.2377.



This preview shows how white text looks on a background with the XYZ color 62.6361, 58.3405,

37.2377.

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

62.6361, 58.3405, 37.2377

Protanopia

54.9968, 58.6547, 40.3211

Deuteranopia

59.5000, 58.3465, 36.9802



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

62.6361, 58.3405, 37.2377

Protanomaly

57.3349, 58.1773, 39.2178

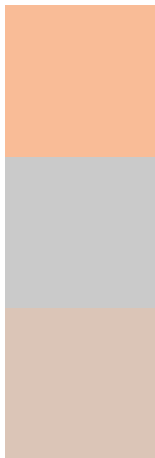
Deuteranomaly

60.4115, 58.1644, 36.8970

Tritanomaly

65.5236, 58.2717, 50.9741

Monochromacy



Original Color

62.6361, 58.3405, 37.2377

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7269, 58.4115, 53.0318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6361, 58.3405, 37.2377 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(249, 188, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 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(249, 188, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 151) }
```

Border

The CSS property to change the border of an element to XYZ 62.6361, 58.3405, 37.2377 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(249, 188, 151) }
```


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

```
.border{ border-color:rgb(249, 188, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6361, 58.3405, 37.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 151) }
```

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

```
.background{ background-color: rgb(249,  
188, 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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