

Converting Colors

XYZ(57.4135, 51.7106, 37.1413)

Have a look what the booklet for
XYZ(57.4135, 51.7106, 37.1413)
contains.

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Color

**XYZ(57.3554, 51.6606,
37.0855)**

Conversions

Conversions Part 1

Format	Color
Hex	F1AF99
RGB	241, 175, 153
RGB Percent	95%, 69%, 60%
CMY	0.0549, 0.3137, 0.4000
CMYK	0.00, 0.27, 0.37, 0.05
HSL	15°, 76%, 77%
HSV	15°, 37%, 95%
XYZ	57.3554, 51.6606, 37.0855
YIQ	192.2260, 46.3980, 7.1500

Conversions

Conversions Part 2

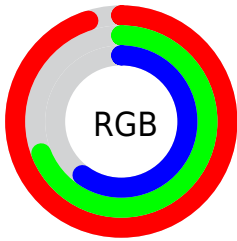
Format	Color
R_{YB}	241, 182, 153
Decimal	15839129
CIE _{Lab}	77.08, 21.33, 20.81
CIE _{LCh}	77, 29.793, 44.293
Yxy	51.6606, 0.3926, 0.3536
Android (android.graphics.Color)	4294029209 (0xFFFF1AF99)
YUV	192.2260, -19.3384, 42.7748
Hunter-Lab	71.8753, 16.6585, 19.7209

Details

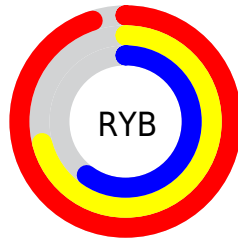
The XYZ color **57.3554, 51.6606, 37.0855** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.3447, 63.7840, 92.6665**, and the grayscale version is **50.3266, 52.9475, 57.6598**.

A 20% lighter version of the original color is **81.0784, 82.9168, 70.7627**, and **28.8862, 24.9457, 15.8629** is the 20% darker color. If you saturate the color by 10%, you get **52.2771, 44.3742, 26.5443**, and if you desaturate by 10%, it is **63.3092, 60.0544, 49.9029**.

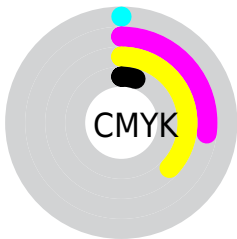
Distribution



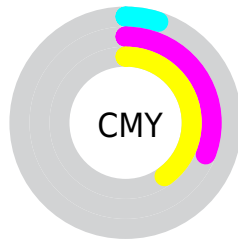
- Red (95%)
- Green (69%)
- Blue (60%)



- Red (95%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3554, 51.6606, 37.0855 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 57.3554, 51.6606, 37.0855 by changing the saturation by 10% instead.


 57.3554, 51.6606,
37.0855

 57.3554, 51.6606,
37.0855


404.7724,
393.1249, 348.8604

 41.5319, 36.7346,
24.9774

 100.1119, 92.6305,
71.8921

 28.9244, 25.0021,
15.8413


 127.7757,
119.4432, 95.4276

 19.1677, 16.0786,
9.2588


160.1169,
150.9870, 123.6093

 11.8962, 9.5798,
4.8113

197.5010,
187.6461, 156.8559

 6.7447, 5.1212,
2.0802

240.2932,
229.8051, 195.5857

 3.3479, 2.3186,
0.6039

288.8589,

 1.3403, 0.7835,

277.8483, 240.2174

0.0000

343.5635,
332.1601, 291.1694

■ 0.2131, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3554, 51.6606,
37.0855

■ 57.3554, 51.6606,
37.0855

■ 52.2771, 44.3742,
26.5443

■ 63.3092, 60.0544,
49.9029

■ 48.0275, 38.1410,
18.1418

■ 70.1744, 69.5921,
65.1167

■ 44.5610, 32.9130,
11.7302

■ 77.9896, 80.3179,
82.8424

■ 41.8259, 28.6354,
7.1417

■ 86.7901, 92.2710,
103.1869

■ 39.7633, 25.2480,
4.1801

■ 90.0857, 97.4408,
108.6677

■ 38.3031, 22.6819,
2.6005

■ 37.9054, 21.9602,
2.2409

Harmonies

Analogous

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



60.4835, 51.6606, 48.8641



57.3554, 51.6606, 37.0855



52.1232, 51.6606, 31.1595

Triad

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



57.3554, 51.6606, 37.0855



39.3060, 51.6606, 48.1876



51.8524, 51.6606, 92.3981

Complementary

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



57.3554, 51.6606, 37.0855



54.3447, 63.7840, 92.6665

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.



46.1996, 51.6606, 92.1199



57.3554, 51.6606, 37.0855



39.2459, 51.6606, 64.3442

Square

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



57.3554, 51.6606, 37.0855



41.8520, 51.6606, 36.6731



41.6807, 51.6606, 81.0866



57.1440, 51.6606, 81.7860

Rectangle

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



57.3554, 51.6606, 37.0855



48.2875, 51.6606, 30.4354



41.6807, 51.6606, 81.0866



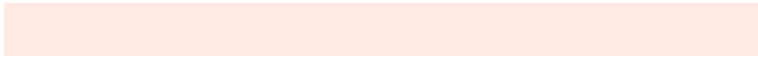
49.9253, 51.6606, 93.6313

Sweetspot

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



57.3567, 51.6631, 37.0865



84.5108, 85.6285, 84.7106



60.4534, 46.5982, 72.8263



17.8309, 17.9739, 17.5468



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.



57.3567, 51.6631, 37.0865



60.7186, 52.3087, 32.8036



67.3572, 71.6641, 40.4200



16.0939, 16.4010, 16.4672



20.6450, 12.0880, 1.2451



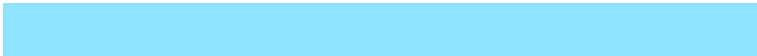
1.7939, 1.1585, 0.1291

Inverse Universe

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



54.3447, 63.7840, 92.6665



56.7968, 67.9491, 104.7297



44.3445, 43.7837, 89.3331



15.8932, 17.2205, 20.2078



17.6539, 21.5319, 48.3535



1.5468, 1.9475, 4.0486

Previews

White Background



This preview shows how the XYZ color 57.3554, 51.6606, 37.0855 looks on a white background.

Color Contrast Check

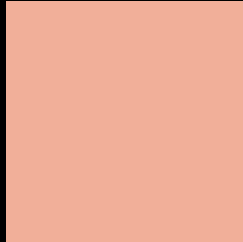
Large Text (above 18pt) WCAG AA × Fail

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 57.3554, 51.6606, 37.0855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

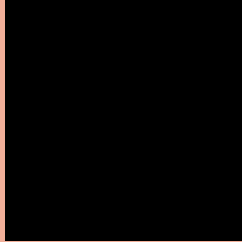
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3554, 51.6606, 37.0855

Background



This preview shows how black text looks on a background with the XYZ color 57.3554, 51.6606, 37.0855.



This preview shows how white text looks on a background with the XYZ color 57.3554, 51.6606,

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

57.3554, 51.6606, 37.0855

Protanopia

48.8460, 51.7825, 40.6783

Deuteranopia

52.6436, 51.6309, 36.4693



Tritanopia

60.5229, 51.8196, 52.1597

Trichromacy



Original Color

57.3554, 51.6606, 37.0855

Protanomaly

51.7537, 51.7312, 39.1557

Deuteranomaly

54.3019, 51.5675, 36.7973

Tritanomaly

59.2575, 51.5769, 46.3673

Monochromacy



Original Color

57.3554, 51.6606, 37.0855

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.1731, 52.0338, 49.4132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3554, 51.6606, 37.0855 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, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 153)  
}
```

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, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.3554, 51.6606, 37.0855 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, 175, 153) }
```


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

```
.border{ border-color:rgb(241, 175, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 175, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 153);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3554, 51.6606, 37.0855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 153) }
```

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

```
.background{ background-color: rgb(241,  
175, 153) }
```

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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