

Converting Colors

XYZ(51.8246, 43.4037, 37.9941)

Have a look what the booklet for
XYZ(51.8246, 43.4037, 37.9941)
contains.

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Color

**XYZ(51.8246, 43.4037,
37.9941)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9B9E
RGB	234, 155, 158
RGB Percent	92%, 61%, 62%
CMY	0.0824, 0.3921, 0.3804
CMYK	0.00, 0.34, 0.32, 0.08
HSL	358°, 65%, 76%
HSV	358°, 34%, 92%
XYZ	51.8246, 43.4037, 37.9941
YIQ	178.9630, 46.1210, 17.6810

Conversions

Conversions Part 2

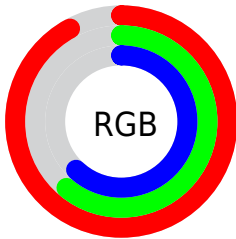
Format	Color
RYB	234, 155, 158
Decimal	15375262
CIELab	71.83, 29.91, 10.62
CIELCh	72, 31.740, 19.555
Yxy	43.4037, 0.3890, 0.3258
Android (android.graphics.Color)	4293565342 (0xFFEA9B9E)
YUV	178.9630, -10.3348, 48.2674
Hunter-Lab	65.8815, 25.1215, 11.9243

Details

The XYZ color **51.8246, 43.4037, 37.9941** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3661, 71.5847, 86.3987**, and the grayscale version is **42.8651, 45.0975, 49.1111**.

A 20% lighter version of the original color is **76.2968, 72.1573, 72.8573**, and **25.4086, 19.9921, 16.4296** is the 20% darker color. If you saturate the color by 10%, you get **46.5373, 35.6514, 27.5310**, and if you desaturate by 10%, it is **58.2237, 52.8113, 50.5799**.

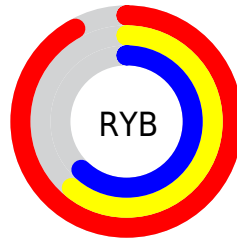
Distribution



Red (92%)

Green (61%)

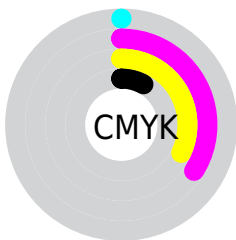
Blue (62%)



Red (92%)

Yellow (61%)

Blue (62%)

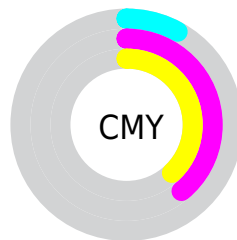


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (8%)



Cyan (8%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8246, 43.4037, 37.9941 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 51.8246, 43.4037, 37.9941 by changing the saturation by 10% instead.


 51.8246, 43.4037,
37.9941


 51.8246, 43.4037,
37.9941


384.0942,
360.2694, 352.8921

 37.0890, 30.2020,
25.6763

 92.0483, 80.3197,
73.3024

 25.4504, 19.9920,
16.3581


 118.2670,
104.8028, 97.1300

 16.5434, 12.3892,
9.6208


149.0442,
133.8151, 125.6313

 10.0028, 7.0093,
5.0460

184.7452,
167.7411, 159.2249

 5.4631, 3.4679,
2.2150

225.7354,
206.9651, 198.3292

 2.5590, 1.3806,
0.6830

272.3800,

 0.9251, 0.2024,

251.8716, 243.3628

0.0000

325.0445,
302.8449, 294.7442

■ 0.0000, 0.0000,
0.0000

■ 51.8246, 43.4037,
37.9941

■ 51.8246, 43.4037,
37.9941

■ 46.5373, 35.6514,
27.5310

■ 58.2237, 52.8113,
50.5799

■ 42.2953, 29.4528,
19.0714

■ 65.7895, 63.9556,
65.3938

■ 39.0302, 24.7050,
12.4879

■ 74.5770, 76.9201,
82.5370

■ 36.6641, 21.2902,
7.6379

■ 84.6372, 91.7811,
102.1041

■ 35.1072, 19.0719,
4.3579

■ 87.7418, 96.2325,
108.5580

■ 34.2510, 17.8846,
2.4535

■ 33.9804, 17.5119,
1.8440

Harmonies

Analogous

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



52.3228, 43.4037, 52.8540



51.8246, 43.4037, 37.9941



48.3580, 43.4037, 28.0594

Triad

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



51.8246, 43.4037, 37.9941



33.8504, 43.4037, 30.4837



39.4012, 43.4037, 82.9219

Complementary

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



51.8246, 43.4037, 37.9941



57.3661, 71.5847, 86.3987

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.



34.8821, 43.4037, 73.6741



51.8246, 43.4037, 37.9941



31.8678, 43.4037, 42.0739

Square

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



51.8246, 43.4037, 37.9941



37.8774, 43.4037, 24.4231



32.2282, 43.4037, 57.9201



44.8254, 43.4037, 81.1574

Rectangle

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



51.8246, 43.4037, 37.9941



44.9856, 43.4037, 24.5249



32.2282, 43.4037, 57.9201



37.7345, 43.4037, 80.9312

Sweetspot

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



51.8258, 43.4058, 37.9950



83.7465, 83.3152, 86.8747



59.2230, 46.2165, 83.6414



17.6116, 17.3704, 17.9826



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.



51.8258, 43.4058, 37.9950



58.0856, 45.5635, 36.4863



58.3822, 56.9263, 38.9238



15.0886, 15.0633, 15.7520



19.1054, 9.8448, 1.0904



1.5084, 0.7763, 0.1287

Inverse Universe

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



51.8258, 43.4058, 37.9950



58.0856, 45.5635, 36.4863



48.6678, 53.5052, 85.6046



15.0886, 15.0633, 15.7520



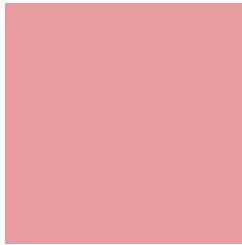
19.1054, 9.8448, 1.0904



1.5084, 0.7763, 0.1287

Previews

White Background



This preview shows how the XYZ color 51.8246, 43.4037, 37.9941 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 51.8246, 43.4037, 37.9941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

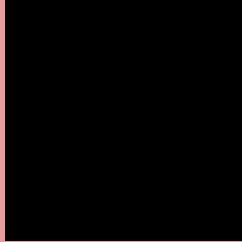
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8246, 43.4037, 37.9941

Background



This preview shows how black text looks on a background with the XYZ color 51.8246, 43.4037, 37.9941.



This preview shows how white text looks on a background with the XYZ color 51.8246, 43.4037,

37.9941.

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

51.8246, 43.4037, 37.9941

Protanopia

41.7428, 43.7390, 43.7785

Deuteranopia

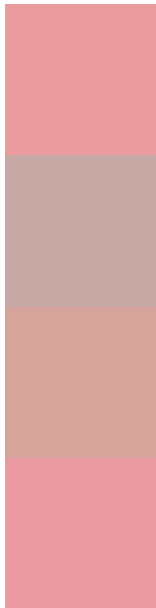
44.3785, 43.5335, 37.0742



Tritanopia

52.6081, 43.4900, 41.2190

Trichromacy



Original Color

51.8246, 43.4037, 37.9941

Protanomaly

44.6136, 43.0012, 41.5460

Deuteranomaly

46.8965, 43.4567, 37.3688

Tritanomaly

52.3381, 43.3820, 39.7975

Monochromacy



Original Color

51.8246, 43.4037, 37.9941

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.2786, 43.8318, 44.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8246, 43.4037, 37.9941 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(234, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(234, 155, 158)  
}
```

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(234, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 155, 158) }
```

Border

The CSS property to change the border of an element to XYZ 51.8246, 43.4037, 37.9941 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(234, 155, 158) }
```


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

```
.border{ border-color:rgb(234, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(234, 155,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8246, 43.4037, 37.9941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 155, 158) }
```

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

```
.background{ background-color: rgb(234,  
155, 158) }
```

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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