

Converting Colors

XYZ(59.8008, 51.6712, 37.9528)

Have a look what the booklet for
XYZ(59.8008, 51.6712, 37.9528)
contains.

XYZ(59.9036, 51.8164, 37.8546)	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(59.9036, 51.8164,
37.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	FAAB9B
RGB	250, 171, 155
RGB Percent	98%, 67%, 61%
CMY	0.0196, 0.3294, 0.3922
CMYK	0.00, 0.32, 0.38, 0.02
HSL	10°, 90%, 79%
HSV	10°, 38%, 98%
XYZ	59.9036, 51.8164, 37.8546
YIQ	192.7970, 52.2200, 11.7720

Conversions

Conversions Part 2

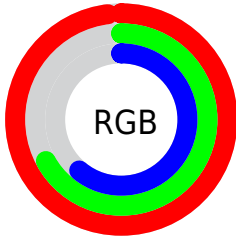
Format	Color
R _Y B	250, 174, 155
Decimal	16427931
CIE Lab	77.17, 27.09, 20.01
CIE LCh	77, 33.677, 36.449
Yxy	51.8164, 0.4005, 0.3464
Android (android.graphics.Color)	4294618011 (0xFFFAAB9B)
YUV	192.7970, -18.6339, 50.1670
Hunter-Lab	71.9836, 22.5735, 19.2092

Details

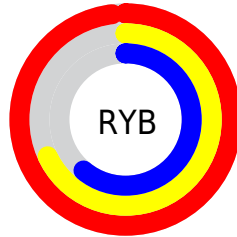
The XYZ color **59.9036, 51.8164, 37.8546** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1943, 72.7132, 101.3048**, and the grayscale version is **50.6550, 53.2930, 58.0361**.

A 20% lighter version of the original color is **80.2177, 80.8016, 71.6899**, and **30.4630, 25.0327, 16.3229** is the 20% darker color. If you saturate the color by 10%, you get **54.3949, 43.8183, 26.7104**, and if you desaturate by 10%, it is **66.4672, 61.2285, 51.4958**.

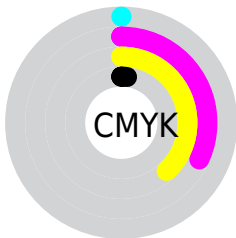
Distribution



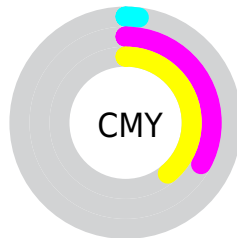
- Red (98%)
- Green (67%)
- Blue (61%)



- Red (98%)
- Yellow (68%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9036, 51.8164, 37.8546 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 59.9036, 51.8164, 37.8546 by changing the saturation by 10% instead.


 59.9036, 51.8164,
37.8546


 59.9036, 51.8164,
37.8546


414.0828,
393.7274, 352.2753

 43.5901, 36.8588,
25.5689


 103.7970, 92.8604,
73.0862

 30.5449, 25.0981,
16.2785


 132.1075,
119.7156, 96.8691

 20.4027, 16.1502,
9.5650


165.1478,
151.3053, 125.3216

 12.7981, 9.6305,
5.0097

203.2832,
188.0141, 158.8621

 7.3657, 5.1547,
2.1941

246.8791,
230.2263, 197.9092

 3.7402, 2.3383,
0.6710

296.3007,

 1.5562, 0.7939,

278.3264, 242.8814

0.0000

351.9135,
332.6986, 294.1972

■ 0.3636, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9036, 51.8164,
37.8546

■ 59.9036, 51.8164,
37.8546

■ 54.3949, 43.8183,
26.7104

■ 66.4672, 61.2285,
51.4958

■ 49.8813, 37.1582,
17.9082

■ 74.1332, 72.1106,
67.7699

■ 46.3029, 31.7644,
11.2804

■ 82.9513, 84.5251,
86.8068

■ 43.5917, 27.5554,
6.6358

■ 92.9664, 98.5282,
108.7257

■ 41.6698, 24.4400,
3.7495

■ 93.2343, 99.0640,
108.8150

■ 40.4396, 22.3108,
2.3186

■ 40.2565, 21.9884,
2.1224

Harmonies

Analogous

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



62.6159, 51.8164, 52.5267



59.9036, 51.8164, 37.8546



54.3682, 51.8164, 29.7418

Triad

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



59.9036, 51.8164, 37.8546



38.7427, 51.8164, 43.3957



50.6548, 51.8164, 99.5338

Complementary

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



59.9036, 51.8164, 37.8546



60.1943, 72.7132, 101.3048

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.



44.4634, 51.8164, 95.5994



59.9036, 51.8164, 37.8546



37.9358, 51.8164, 60.4995

Square

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



59.9036, 51.8164, 37.8546



42.2496, 51.8164, 32.4193



39.9408, 51.8164, 80.2353



56.9838, 51.8164, 90.0458

Rectangle

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



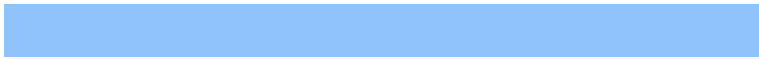
59.9036, 51.8164, 37.8546



50.0213, 51.8164, 27.8970



39.9408, 51.8164, 80.2353



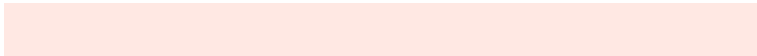
48.4866, 51.8164, 99.7624

Sweetspot

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



59.9049, 51.8189, 37.8556



83.8637, 84.3342, 84.4949



66.0211, 49.7172, 84.0842



17.6777, 17.6676, 17.4958



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.



59.9049, 51.8189, 37.8556



57.9412, 47.3572, 30.0180



70.4988, 73.0066, 41.3869



17.4809, 17.6976, 17.9570



21.4229, 11.8024, 1.1490



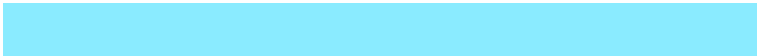
2.0487, 1.2223, 0.1279

Inverse Universe

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



60.1943, 72.7132, 101.3048



58.2579, 72.1503, 105.4636



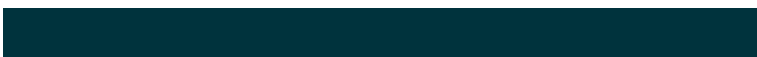
48.4729, 49.2705, 97.3976



17.5023, 19.0815, 22.1459



21.1941, 27.7438, 52.2116



2.0267, 2.6970, 4.8569

Previews

White Background



This preview shows how the XYZ color 59.9036, 51.8164, 37.8546 looks on a white background.

Color Contrast Check

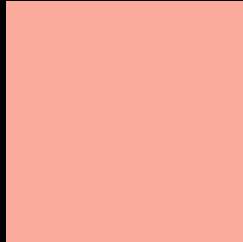
Large Text (above 18pt) WCAG AA × Fail

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 59.9036, 51.8164, 37.8546 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 59.9036, 51.8164, 37.8546

Background



This preview shows how black text looks on a background with the XYZ color 59.9036, 51.8164, 37.8546.



This preview shows how white text looks on a background with the XYZ color 59.9036, 51.8164,

37.8546.

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

59.9036, 51.8164, 37.8546

Protanopia

48.9337, 51.7866, 42.5387

Deuteranopia

52.8075, 51.6965, 37.3322



Tritanopia

62.2018, 51.6282, 49.8669

Trichromacy



Original Color

59.9036, 51.8164, 37.8546



Protanomaly

52.2800, 51.3456, 40.8735



Deuteranomaly

55.2315, 51.7291, 37.6455



Tritanomaly

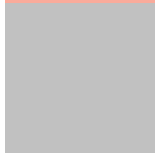
61.1370, 51.4548, 45.2376

Monochromacy



Original Color

59.9036, 51.8164, 37.8546



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.2172, 52.2487, 49.9280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9036, 51.8164, 37.8546 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(250, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 155)  
}
```

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(250, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 59.9036, 51.8164, 37.8546 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(250, 171, 155) }
```


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

```
.border{ border-color:rgb(250, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 171, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 171, 155); box-shadow:4px 4px 4px 4px rgb(250, 171, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9036, 51.8164, 37.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 155) }
```

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

```
.background{ background-color: rgb(250,  
171, 155) }
```

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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