

Converting Colors

XYZ(60.2690, 52.6984, 36.5220)

Have a look what the booklet for
XYZ(60.2690, 52.6984, 36.5220)
contains.

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Color

**XYZ(60.3947, 52.6634,
36.6877)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAD98
RGB	251, 173, 152
RGB Percent	98%, 68%, 60%
CMY	0.0157, 0.3215, 0.4039
CMYK	0.00, 0.31, 0.39, 0.02
HSL	13°, 93%, 79%
HSV	13°, 39%, 98%
XYZ	60.3947, 52.6634, 36.6877
YIQ	193.9280, 53.2290, 10.0050

Conversions

Conversions Part 2

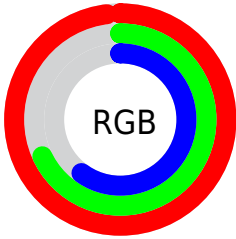
Format	Color
R _Y B	251, 179, 152
Decimal	16493976
CIE Lab	77.68, 26.08, 22.34
CIE LCh	78, 34.340, 40.580
Yxy	52.6634, 0.4033, 0.3517
Android (android.graphics.Color)	4294684056 (0xFFFBAD98)
YUV	193.9280, -20.6705, 50.0521
Hunter-Lab	72.5696, 21.5567, 20.8245

Details

The XYZ color **60.3947, 52.6634, 36.6877** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.6570, 70.2311, 101.7310**, and the grayscale version is **51.3332, 54.0065, 58.8131**.

A 20% lighter version of the original color is **80.3999, 81.7549, 69.9353**, and **30.8037, 25.5790, 15.6256** is the 20% darker color. If you saturate the color by 10%, you get **55.0372, 44.8975, 25.8104**, and if you desaturate by 10%, it is **66.7511, 61.7307, 50.0451**.

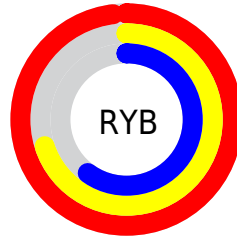
Distribution



Red (98%)

Green (68%)

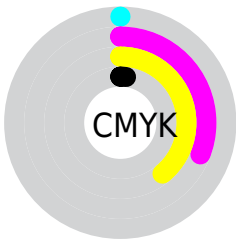
Blue (60%)



Red (98%)

Yellow (70%)

Blue (60%)

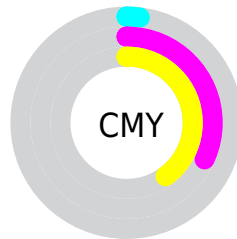


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3947, 52.6634, 36.6877 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 60.3947, 52.6634, 36.6877 by changing the saturation by 10% instead.


 60.3947, 52.6634,
36.6877


 60.3947, 52.6634,
36.6877


415.8626,
396.9924, 347.0843

 43.9875, 37.5341,
24.6719

 104.5051, 94.1089,
71.2732

 30.8586, 25.6213,
15.6160

 132.9391,
121.1939, 94.6799

 20.6425, 16.5406,
9.1014

166.1126,
153.0329, 122.7207

 12.9739, 9.9075,
4.7097

204.3912,
190.0104, 155.8141

 7.4874, 5.3376,
2.0222

248.1401,
232.5107, 194.3786

 3.8178, 2.4467,
0.5689

297.7248,

 1.5996, 0.8498,

280.9182, 238.8328

0.0000

353.5105,
335.6173, 289.5952

■ 0.3921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3947, 52.6634,
36.6877

■ 60.3947, 52.6634,
36.6877

■ 55.0372, 44.8975,
25.8104

■ 66.7511, 61.7307,
50.0451

■ 50.6224, 38.3653,
17.2560

■ 74.1507, 72.1481,
66.0201

■ 47.0943, 33.0042,
10.8544

■ 82.6399, 83.9709,
84.7438

■ 44.3891, 28.7429,
6.4103

■ 92.2610, 97.2491,
106.3376

■ 42.4335, 25.5017,
3.6928

■ 93.5936, 99.2492,
108.8318

■ 41.1273, 23.1843,
2.3476

■ 41.0684, 23.0788,
2.2901

Harmonies

Analogous

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



63.6878, 52.6634, 50.8846



60.3947, 52.6634, 36.6877



54.4225, 52.6634, 29.3013

Triad

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



60.3947, 52.6634, 36.6877



38.9506, 52.6634, 46.0199



52.4367, 52.6634, 101.3335

Complementary

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



60.3947, 52.6634, 36.6877



58.6570, 70.2311, 101.7310

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.



45.9276, 52.6634, 99.2157



60.3947, 52.6634, 36.6877



38.5212, 52.6634, 64.3227

Square

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



60.3947, 52.6634, 36.6877



42.1983, 52.6634, 33.8067



40.9683, 52.6634, 84.5769



58.8309, 52.6634, 89.8480

Rectangle

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



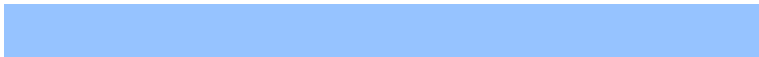
60.3947, 52.6634, 36.6877



49.9258, 52.6634, 27.9925



40.9683, 52.6634, 84.5769



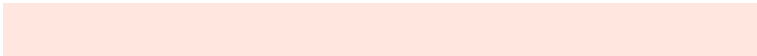
50.1844, 52.6634, 102.2423

Sweetspot

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



60.3960, 52.6660, 36.6887



83.2947, 83.7553, 82.5821



65.4641, 48.7470, 81.7083



17.5765, 17.5768, 17.1184



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.



60.3960, 52.6660, 36.6887



58.2953, 48.3565, 29.2383



71.3870, 74.6478, 40.3524



17.5430, 17.8219, 17.9778



21.6720, 12.3006, 1.2320



2.0805, 1.2859, 0.1386

Inverse Universe

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



58.6570, 70.2311, 101.7310



56.2433, 68.7382, 104.9112



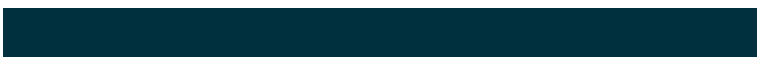
47.0285, 46.9741, 97.8548



17.4349, 18.9466, 22.1234



19.8468, 25.0492, 51.7625



1.9135, 2.4706, 4.8192

Previews

White Background



This preview shows how the XYZ color 60.3947, 52.6634, 36.6877 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 60.3947, 52.6634, 36.6877 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 60.3947, 52.6634, 36.6877

Background



This preview shows how black text looks on a background with the XYZ color 60.3947, 52.6634, 36.6877.



This preview shows how white text looks on a background with the XYZ color 60.3947, 52.6634,

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

60.3947, 52.6634, 36.6877

Protanopia

49.9113, 52.9690, 41.3116

Deuteranopia

53.9053, 52.9075, 36.2252



Tritanopia

63.5045, 52.8242, 51.1050

Trichromacy



Original Color

60.3947, 52.6634, 36.6877

Protanomaly

53.0357, 52.3822, 39.6632

Deuteranomaly

56.0415, 52.7745, 36.5110

Tritanomaly

62.2334, 52.5724, 45.3955

Monochromacy



Original Color

60.3947, 52.6634, 36.6877

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.7199, 52.8196, 50.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3947, 52.6634, 36.6877 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(251, 173, 152)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 152)  
}
```

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(251, 173, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 152) }
```

Border

The CSS property to change the border of an element to XYZ 60.3947, 52.6634, 36.6877 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(251, 173, 152) }
```


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

```
.border{ border-color:rgb(251, 173, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 173, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 173, 152);  
box-shadow:4px 4px 4px 4px rgb(251, 173,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3947, 52.6634, 36.6877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 152) }
```

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

```
.background{ background-color: rgb(251,  
173, 152) }
```

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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