

Converting Colors

XYZ(53.1831, 48.7824, 37.2958)

Have a look what the booklet for
XYZ(53.1831, 48.7824, 37.2958)
contains.

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Color

**XYZ(53.4094, 49.0432,
37.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AD9A
RGB	230, 173, 154
RGB Percent	90%, 68%, 60%
CMY	0.0980, 0.3215, 0.3961
CMYK	0.00, 0.25, 0.33, 0.10
HSL	15°, 60%, 75%
HSV	15°, 33%, 90%
XYZ	53.4094, 49.0432, 37.2232
YIQ	187.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

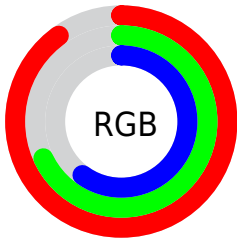
Format	Color
RYB	230, 179, 154
Decimal	15117722
CIELab	75.48, 18.30, 17.88
CIELCh	75, 25.580, 44.331
Yxy	49.0432, 0.3824, 0.3511
Android (android.graphics.Color)	4293307802 (0xFFE6AD9A)
YUV	187.8770, -16.7014, 36.9419
Hunter-Lab	70.0309, 13.5800, 17.5074

Details

The XYZ color **53.4094, 49.0432, 37.2232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.9028, 59.1697, 83.6010**, and the grayscale version is **47.8071, 50.2968, 54.7732**.

A 20% lighter version of the original color is **80.6445, 81.8527, 71.2232**, and **26.3982, 23.2965, 15.9373** is the 20% darker color. If you saturate the color by 10%, you get **48.5777, 42.1573, 27.0501**, and if you desaturate by 10%, it is **59.0377, 56.9346, 49.4736**.

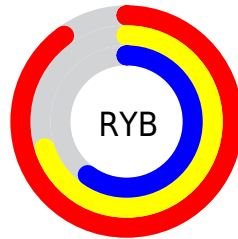
Distribution



Red (90%)

Green (68%)

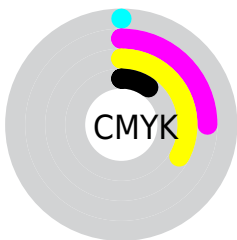
Blue (60%)



Red (90%)

Yellow (70%)

Blue (60%)

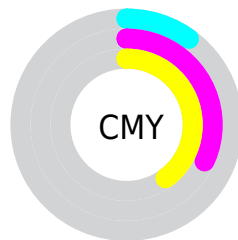


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (10%)



Cyan (10%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4094, 49.0432, 37.2232 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 53.4094, 49.0432, 37.2232 by changing the saturation by 10% instead.


 53.4094, 49.0432,
37.2232


 53.4094, 49.0432,
37.2232


390.0890,
382.9124, 349.4736

 38.3585, 34.6538,
25.0832


 94.3685, 88.7556,
72.1061

 26.4395, 23.3963,
15.9195


 121.0074,
114.8474, 95.6861

 17.2871, 14.8864,
9.3135


152.2397,
145.6087, 123.9165

 10.5360, 8.7397,
4.8466

188.4307,
181.4239, 157.2158

 5.8207, 4.5718,
2.1004

229.9458,
222.6775, 196.0027

 2.7760, 1.9983,
0.6160

277.1503,

 1.0364, 0.6065,

269.7539, 240.6956

0.0000

330.4096,
323.0374, 291.7130

■ 0.0000, 0.0000,
0.0000

■ 53.4094, 49.0432,
37.2232

■ 53.4094, 49.0432,
37.2232

■ 48.5777, 42.1573,
27.0501

■ 59.0377, 56.9346,
49.4736

■ 44.5016, 36.2290,
18.8352

■ 65.4935, 65.8630,
63.9054

■ 41.1419, 31.2169,
12.4517

■ 72.8107, 75.8670,
80.6194

■ 38.4541, 27.0738,
7.7566

■ 81.0201, 86.9813,
99.7088

■ 36.3884, 23.7476,
4.5854

■ 86.4431, 95.5630,
108.4972

■ 34.8866, 21.1802,
2.7397

■ 34.1218, 19.8004,
2.0234

Harmonies

Analogous

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



55.9681, 49.0432, 47.2231



53.4094, 49.0432, 37.2232



49.1075, 49.0432, 32.0862

Triad

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



53.4094, 49.0432, 37.2232



38.4132, 49.0432, 46.6854



48.8960, 49.0432, 82.7365

Complementary

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



53.4094, 49.0432, 37.2232



50.9028, 59.1697, 83.6010

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.



44.2066, 49.0432, 82.5265



53.4094, 49.0432, 37.2232



38.3651, 49.0432, 60.0927

Square

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



53.4094, 49.0432, 37.2232



40.5574, 49.0432, 36.8871



40.4211, 49.0432, 73.6919



53.2456, 49.0432, 74.2247

Rectangle

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



53.4094, 49.0432, 37.2232



45.9323, 49.0432, 31.4557



40.4211, 49.0432, 73.6919



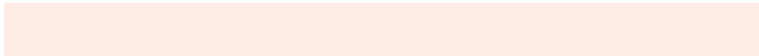
47.3026, 49.0432, 83.7237

Sweetspot

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



53.4107, 49.0455, 37.2242



85.4127, 86.8650, 86.7602



55.9469, 44.6379, 67.2955



18.0112, 18.2216, 17.9555



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.



53.4107, 49.0455, 37.2242



63.0111, 55.6026, 37.5483



61.7604, 65.7449, 40.0074



14.6683, 14.9506, 15.0171



19.3996, 11.3734, 1.1728



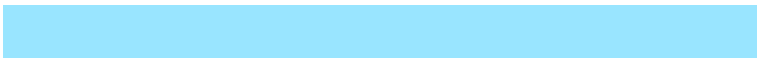
1.5060, 0.9854, 0.1108

Inverse Universe

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



50.9028, 59.1697, 83.6010



59.3430, 70.3045, 105.0502



42.5534, 42.4709, 80.8178



14.4863, 15.6939, 18.4101



16.5925, 20.2471, 45.4167



1.2986, 1.6411, 3.3803

Previews

White Background



This preview shows how the XYZ color 53.4094, 49.0432, 37.2232 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 53.4094, 49.0432, 37.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

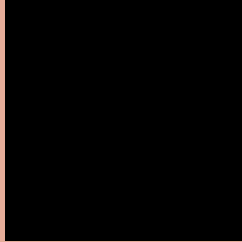
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4094, 49.0432, 37.2232

Background



This preview shows how black text looks on a background with the XYZ color 53.4094, 49.0432, 37.2232.



This preview shows how white text looks on a background with the XYZ color 53.4094, 49.0432,

37.2232.

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

53.4094, 49.0432, 37.2232

Protanopia

46.6690, 49.3916, 40.3315

Deuteranopia

50.1888, 49.1390, 36.9765



Tritanopia

56.2357, 49.0770, 50.7648

Trichromacy



Original Color

53.4094, 49.0432, 37.2232

Protanomaly

48.7079, 48.9263, 39.2243

Deuteranomaly

51.2907, 49.1163, 36.9141

Tritanomaly

55.0998, 48.8838, 45.5612

Monochromacy



Original Color

53.4094, 49.0432, 37.2232

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3986, 49.6981, 48.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4094, 49.0432, 37.2232 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(230, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 154)  
}
```

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(230, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 53.4094, 49.0432, 37.2232 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(230, 173, 154) }
```


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

```
.border{ border-color:rgb(230, 173, 154) }
```

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

Here you see how a box with a 4 pixel rgb(230, 173, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4094, 49.0432, 37.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 154) }
```

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

```
.background{ background-color: rgb(230,  
173, 154) }
```

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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