

Converting Colors

XYZ(59.0136, 48.7572, 32.6848)

Have a look what the booklet for
XYZ(59.0136, 48.7572, 32.6848)
contains.

XYZ(59.0189, 48.7634, 32.6872)	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(59.0189, 48.7634,
32.6872)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA190
RGB	255, 161, 144
RGB Percent	100%, 63%, 56%
CMY	0.0000, 0.3686, 0.4353
CMYK	0.00, 0.37, 0.44, 0.00
HSL	9°, 100%, 78%
HSV	9°, 44%, 100%
XYZ	59.0189, 48.7634, 32.6872
YIQ	187.1680, 61.4810, 14.6410

Conversions

Conversions Part 2

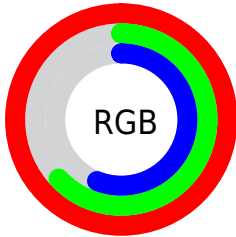
Format	Color
R _Y B	255, 164, 144
Decimal	16753040
CIE Lab	75.30, 33.02, 23.50
CIE LCh	75, 40.527, 35.446
Yxy	48.7634, 0.4202, 0.3471
Android (android.graphics.Color)	4294943120 (0xFFFFA190)
YUV	187.1680, -21.2818, 59.4887
Hunter-Lab	69.8308, 28.6590, 21.1284

Details

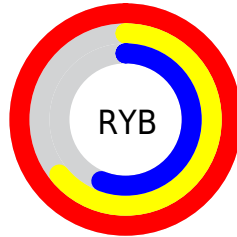
The XYZ color **59.0189, 48.7634, 32.6872** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1245, 74.2949, 105.7789**, and the grayscale version is **47.4222, 49.8918, 54.3322**.

A 20% lighter version of the original color is **76.2459, 74.9629, 63.8768**, and **29.8886, 23.1354, 13.4799** is the 20% darker color. If you saturate the color by 10%, you get **53.8324, 41.1652, 22.4046**, and if you desaturate by 10%, it is **65.2996, 57.8457, 45.5070**.

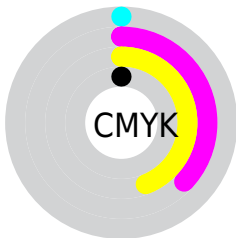
Distribution



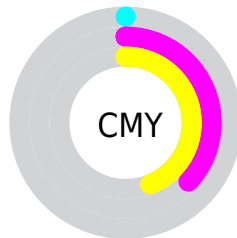
- Red (100%)
- Green (63%)
- Blue (56%)



- Red (100%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0189, 48.7634, 32.6872 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 59.0189, 48.7634, 32.6872 by changing the saturation by 10% instead.


 59.0189, 48.7634,
32.6872

 59.0189, 48.7634,
32.6872


410.8649,
381.8101, 328.8266

 42.8748, 34.4318,
21.6178


 102.5196, 88.3399,
64.9972

 29.9810, 23.2255,
13.3807


 130.6069,
114.3537, 87.0749

 19.9721, 14.7601,
7.5574


163.4059,
145.0303, 113.6591

 12.4829, 8.6512,
3.7294

201.2821,
180.7542, 145.1684

 7.1480, 4.5144,
1.4781

244.6007,
221.9097, 182.0212

 3.6020, 1.9653,
0.2015

293.7271,

 1.4795, 0.5872,

268.8813, 224.6361

0.0000

349.0267,
322.0533, 273.4317

■ 0.3118, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0189, 48.7634,
32.6872

■ 59.0189, 48.7634,
32.6872

■ 53.8324, 41.1652,
22.4046

■ 65.2996, 57.8457,
45.5070

■ 49.6731, 34.9650,
14.4871

■ 72.7292, 68.4779,
61.0148

■ 46.4718, 30.0786,
8.7458

■ 81.3630, 80.7306,
79.3530

■ 44.1492, 26.4098,
4.9613

■ 91.2517, 94.6679,
100.6530

■ 42.6122, 23.8488,
2.8675

95.0499, 99.9999,
108.9000

■ 41.9676, 22.7154,
2.1726

Harmonies

Analogous

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



62.1133, 48.7634, 49.2972



59.0189, 48.7634, 32.6872



52.5564, 48.7634, 23.8483

Triad

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



59.0189, 48.7634, 32.6872



34.5061, 48.7634, 37.8126



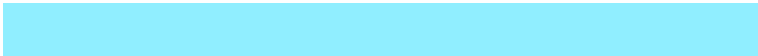
47.7205, 48.7634, 105.2733

Complementary

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



59.0189, 48.7634, 32.6872



60.1245, 74.2949, 105.7789

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.



40.6491, 48.7634, 99.8103



59.0189, 48.7634, 32.6872



33.5055, 48.7634, 57.0831

Square

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



59.0189, 48.7634, 32.6872



38.5303, 48.7634, 26.2046



35.6346, 48.7634, 80.6043



55.1579, 48.7634, 93.9985

Rectangle

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



59.0189, 48.7634, 32.6872



47.4943, 48.7634, 21.8103



35.6346, 48.7634, 80.6043



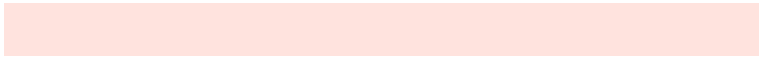
45.2206, 48.7634, 105.3612

Sweetspot

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



59.0201, 48.7658, 32.6881



81.8543, 81.4251, 80.4043



66.6974, 47.4005, 86.7926



17.0865, 16.8147, 16.2825



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.



59.0201, 48.7658, 32.6881



54.5575, 42.2346, 23.8192



70.8684, 72.4624, 36.6376



18.2340, 18.4361, 18.7418



21.9956, 12.0024, 1.1574



2.2041, 1.2936, 0.1335

Inverse Universe

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



60.1245, 74.2949, 105.7789



55.7509, 70.6231, 105.3010



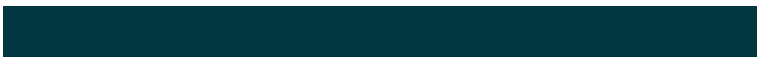
46.4545, 46.9548, 101.2222



18.3038, 19.9793, 23.1416



22.3429, 29.5953, 53.9695



2.2367, 3.0041, 5.2752

Previews

White Background



This preview shows how the XYZ color 59.0189, 48.7634, 32.6872 looks on a white background.

Color Contrast Check

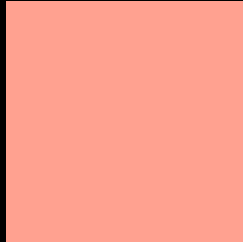
Large Text (above 18pt) WCAG AA × Fail

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 59.0189, 48.7634, 32.6872 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 59.0189, 48.7634, 32.6872

Background



This preview shows how black text looks on a background with the XYZ color 59.0189, 48.7634, 32.6872.



This preview shows how white text looks on a background with the XYZ color 59.0189, 48.7634,

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

59.0189, 48.7634, 32.6872

Protanopia

46.1147, 48.8340, 38.4479

Deuteranopia

49.9415, 48.8239, 31.9911



Tritanopia

60.7226, 48.6160, 44.2136

Trichromacy



Original Color

59.0189, 48.7634, 32.6872

Protanomaly

49.8081, 48.0694, 36.3589

Deuteranomaly

52.9137, 48.6138, 32.1857

Tritanomaly

60.0712, 48.6295, 39.9385

Monochromacy



Original Color

59.0189, 48.7634, 32.6872

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.4225, 48.7781, 45.2856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0189, 48.7634, 32.6872 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(255, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 144)  
}
```

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(255, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 144) }
```

Border

The CSS property to change the border of an element to XYZ 59.0189, 48.7634, 32.6872 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(255, 161, 144) }
```


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

```
.border{ border-color:rgb(255, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 144); box-shadow:4px 4px 4px 4px rgb(255, 161, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0189, 48.7634, 32.6872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 144) }
```

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

```
.background{ background-color: rgb(255,  
161, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor