

Converting Colors

XYZ(75.2839, 55.8308, 33.2146)

Have a look what the booklet for
XYZ(75.2839, 55.8308, 33.2146)
contains.

XYZ(58.1625, 47.0506, 32.4017)	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(58.1625, 47.0506,
32.4017)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C90
RGB	255, 156, 144
RGB Percent	100%, 61%, 56%
CMY	0.0000, 0.3882, 0.4353
CMYK	0.00, 0.39, 0.44, 0.00
HSL	6°, 100%, 78%
HSV	6°, 44%, 100%
XYZ	58.1625, 47.0506, 32.4017
YIQ	184.2330, 62.8560, 17.2560

Conversions

Conversions Part 2

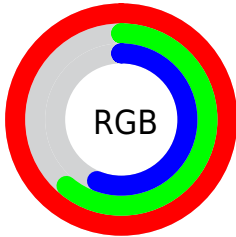
Format	Color
R _Y B	255, 157, 144
Decimal	16751760
CIE Lab	74.22, 35.61, 22.03
CIE LCh	74, 41.869, 31.745
Yxy	47.0506, 0.4226, 0.3419
Android (android.graphics.Color)	4294941840 (0xFFFF9C90)
YUV	184.2330, -19.8349, 62.0627
Hunter-Lab	68.5934, 31.3172, 20.0084

Details

The XYZ color **58.1625, 47.0506, 32.4017** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6005, 77.2468, 106.2709**, and the grayscale version is **45.7719, 48.1556, 52.4414**.

A 20% lighter version of the original color is **74.7273, 71.9257, 63.3706**, and **29.3763, 22.1107, 13.3092** is the 20% darker color. If you saturate the color by 10%, you get **52.9637, 39.4277, 22.1149**, and if you desaturate by 10%, it is **64.5183, 56.2831, 45.2465**.

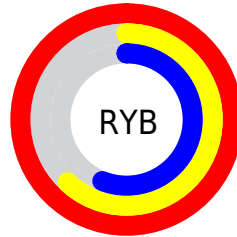
Distribution



Red (100%)

Green (61%)

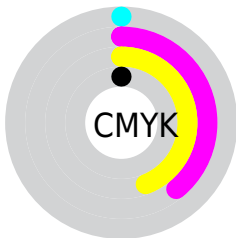
Blue (56%)



Red (100%)

Yellow (62%)

Blue (56%)

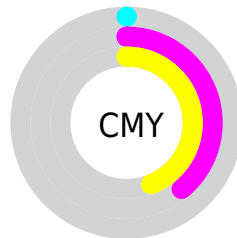


Cyan (0%)

Magenta (39%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1625, 47.0506, 32.4017 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 58.1625, 47.0506, 32.4017 by changing the saturation by 10% instead.


 58.1625, 47.0506,
32.4017


 58.1625, 47.0506,
32.4017


407.7353,
375.0165, 327.4940

 42.1831, 33.0757,
21.4012

 101.2811, 85.7891,
64.5455

 29.4364, 22.1844,
13.2235


 129.1509,
111.3215, 86.5258

 19.5571, 13.9925,
7.4501


161.7149,
141.4752, 113.0032

 12.1799, 8.1154,
3.6624

199.3385,
176.6345, 144.3961

 6.9394, 4.1689,
1.4420

242.3870,
217.1839, 181.1231

 3.4702, 1.7685,
0.1742

291.2257,

 1.4070, 0.4674,

263.5078, 223.6027

0.0000

346.2200,
315.9905, 272.2535

■ 0.2612, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1625, 47.0506,
32.4017

■ 58.1625, 47.0506,
32.4017

■ 52.9637, 39.4277,
22.1149

■ 64.5183, 56.2831,
45.2465

■ 48.8483, 33.3155,
14.2122

■ 72.0916, 67.2026,
60.8022

■ 45.7400, 28.6149,
8.5018

■ 80.9429, 79.8903,
79.2128

■ 43.5504, 25.2123,
4.7617

■ 91.1275, 94.4197,
100.6115

■ 42.1758, 22.9760, 95.0499, 99.9999,
2.7220 108.9000

■ 41.6453, 22.0708,
2.0651

Harmonies

Analogous

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



60.7672, 47.0506, 49.9805



58.1625, 47.0506, 32.4017



51.9124, 47.0506, 22.7480

Triad

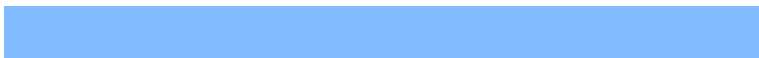
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.1625, 47.0506, 32.4017



33.1654, 47.0506, 34.0364



45.1616, 47.0506, 104.7001

Complementary

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



58.1625, 47.0506, 32.4017



61.6005, 77.2468, 106.2709

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.



38.2250, 47.0506, 96.9907



58.1625, 47.0506, 32.4017



31.7805, 47.0506, 52.5004

Square

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



58.1625, 47.0506, 32.4017



37.5428, 47.0506, 23.4893



33.5271, 47.0506, 76.2232



52.7586, 47.0506, 95.0752

Rectangle

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



58.1625, 47.0506, 32.4017



46.8262, 47.0506, 20.2280



33.5271, 47.0506, 76.2232



42.6783, 47.0506, 104.0422

Sweetspot

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



58.1637, 47.0530, 32.4026



81.4479, 80.6122, 80.2688



67.5273, 47.7324, 91.1624



16.9876, 16.6170, 16.2496



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.



58.1637, 47.0530, 32.4026



53.6868, 40.4933, 23.5289



69.4691, 69.6638, 36.1711



18.1675, 18.3031, 18.7197



21.8112, 11.6337, 1.0959



2.1730, 1.2313, 0.1231

Inverse Universe

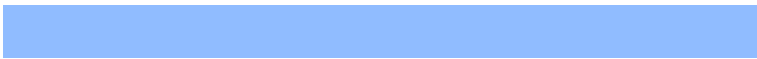
The Inverse Universe completely reimagines the original color for something new.



61.6005, 77.2468, 106.2709



57.4868, 74.0948, 105.8796



47.6207, 49.2872, 101.6110



18.3772, 20.1259, 23.1661



23.9121, 32.7338, 54.4925



2.3743, 3.2792, 5.3211

Previews

White Background



This preview shows how the XYZ color 58.1625, 47.0506, 32.4017 looks on a white background.

Color Contrast Check

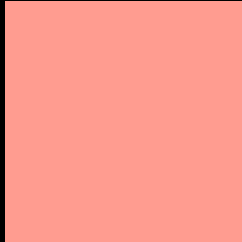
Large Text (above 18pt) WCAG AA × Fail

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 58.1625, 47.0506, 32.4017 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 58.1625, 47.0506, 32.4017

Background



This preview shows how black text looks on a background with the XYZ color 58.1625, 47.0506, 32.4017.



This preview shows how white text looks on a background with the XYZ color 58.1625, 47.0506,

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

58.1625, 47.0506, 32.4017

Protanopia

44.5520, 47.0967, 38.6407

Deuteranopia

48.2833, 47.3912, 31.4136



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

58.1625, 47.0506, 32.4017

Protanomaly

48.6354, 46.6012, 36.1373

Deuteranomaly

51.6288, 47.1220, 31.5736

Tritanomaly

59.0471, 47.1370, 37.8845

Monochromacy



Original Color

58.1625, 47.0506, 32.4017

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.8758, 46.8383, 44.0008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1625, 47.0506, 32.4017 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, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 58.1625, 47.0506, 32.4017 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, 156, 144) }
```


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

```
.border{ border-color:rgb(255, 156, 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, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1625, 47.0506, 32.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 144) }
```

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

```
.background{ background-color: rgb(255,  
156, 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](#).

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