

Converting Colors

XYZ(57.0585, 47.3439, 24.3225)

Have a look what the booklet for
XYZ(57.0585, 47.3439, 24.3225)
contains.

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Color

**XYZ(57.0893, 47.4368,
24.2364)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F79
RGB	255, 159, 121
RGB Percent	100%, 62%, 47%
CMY	0.0000, 0.3764, 0.5255
CMYK	0.00, 0.38, 0.53, 0.00
HSL	17°, 100%, 74%
HSV	17°, 53%, 100%
XYZ	57.0893, 47.4368, 24.2364
YIQ	183.3720, 69.4140, 8.5340

Conversions

Conversions Part 2

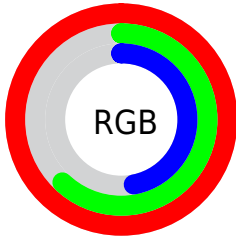
Format	Color
R_{YB}	255, 174, 121
Decimal	16752505
CIE _{Lab}	74.47, 31.92, 34.77
CIE _{LCh}	74, 47.199, 47.451
Yxy	47.4368, 0.4434, 0.3684
Android (android.graphics.Color)	4294942585 (0xFFFF9F79)
YUV	183.3720, -30.7494, 62.8178
Hunter-Lab	68.8744, 27.4267, 27.3483

Details

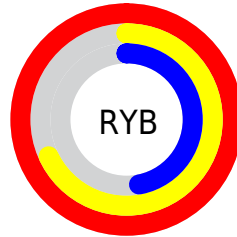
The XYZ color **57.0893, 47.4368, 24.2364** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.7464, 60.9073, 103.6889**, and the grayscale version is **45.3522, 47.7141, 51.9606**.

A 20% lighter version of the original color is **72.9265, 72.4091, 50.1771**, and **28.9331, 22.5854, 8.9654** is the 20% darker color. If you saturate the color by 10%, you get **52.8148, 41.0684, 16.0897**, and if you desaturate by 10%, it is **62.2436, 54.9038, 34.7159**.

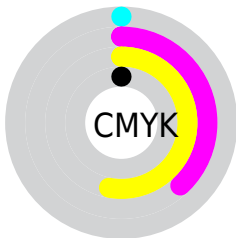
Distribution



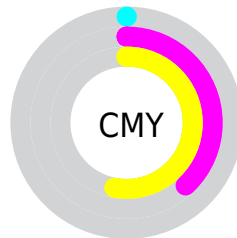
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0893, 47.4368, 24.2364 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 57.0893, 47.4368, 24.2364 by changing the saturation by 10% instead.


 57.0893, 47.4368,
24.2364


 57.0893, 47.4368,
24.2364


403.7926,
376.5554, 287.3384


 41.3174, 33.3811,
15.2953


 99.7261, 86.3653,
51.3644

 28.7559, 22.4185,
8.8779


 127.3216,
112.0068, 70.3882

 19.0396, 14.1648,
4.5659


 159.5891,
142.2791, 93.6101

 11.8031, 8.2354,
1.9407

196.8938,
177.5665, 121.4486

 6.6810, 4.2459,
0.5184

239.6012,
218.2534, 154.3221

 3.3079, 1.8121,
0.0000

288.0766,

 1.3186, 0.4947,

264.7243, 192.6492

0.0000

342.6852,
317.3635, 236.8485

■ 0.1971, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0893, 47.4368,
24.2364

■ 57.0893, 47.4368,
24.2364

■ 52.8148, 41.0684,
16.0897

■ 62.2436, 54.9038,
34.7159

■ 49.3630, 35.7375,
10.0909

■ 68.3231, 63.5121,
47.6884

■ 46.6749, 31.3875,
6.0310

■ 75.3737, 73.3109,
63.3027

■ 44.6802, 27.9526,
3.6566

■ 83.4375, 84.3442,
81.6953

■ 43.5783, 25.9368,
2.7095

■ 92.5536, 96.6537,
102.9930

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



62.5786, 47.4368, 38.8270



57.0893, 47.4368, 24.2364



48.7389, 47.4368, 18.0701

Triad

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



57.0893, 47.4368, 24.2364



30.9201, 47.4368, 42.1179



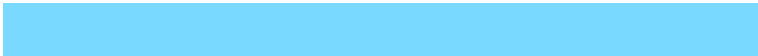
50.1773, 47.4368, 110.5356

Complementary

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



57.0893, 47.4368, 24.2364



50.7464, 60.9073, 103.6889

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.



41.6227, 47.4368, 112.2680



57.0893, 47.4368, 24.2364



31.2028, 47.4368, 67.0262

Square

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



57.0893, 47.4368, 24.2364



34.0696, 47.4368, 25.9891



34.8976, 47.4368, 94.4653



58.2559, 47.4368, 90.2881

Rectangle

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



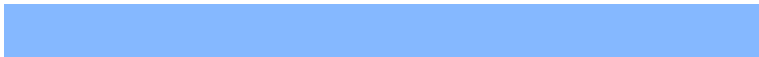
57.0893, 47.4368, 24.2364



42.9974, 47.4368, 17.7129



34.8976, 47.4368, 94.4653



47.2437, 47.4368, 113.4878

Sweetspot

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



57.0905, 47.4392, 24.2373



80.5376, 80.3941, 75.0252



60.6060, 39.9465, 70.1845



16.8808, 16.7187, 15.2418



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.



57.0905, 47.4392, 24.2373



52.6418, 40.8059, 15.7740



71.8783, 77.0149, 29.1666



18.4289, 18.8259, 18.8068



22.8794, 13.7699, 1.4520



2.3158, 1.5169, 0.1707

Inverse Universe

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



50.7464, 60.9073, 103.6889



45.6093, 55.4328, 102.9035



36.8471, 33.1086, 99.0558



18.0939, 19.5595, 23.0717



18.3780, 21.6655, 52.6478



1.8824, 2.2955, 5.1571

Previews

White Background



This preview shows how the XYZ color 57.0893, 47.4368, 24.2364 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 57.0893, 47.4368, 24.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

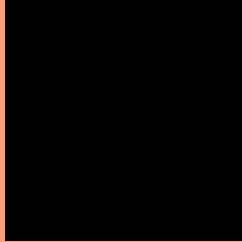
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0893, 47.4368, 24.2364

Background



This preview shows how black text looks on a background with the XYZ color 57.0893, 47.4368, 24.2364.



This preview shows how white text looks on a background with the XYZ color 57.0893, 47.4368,

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

57.0893, 47.4368, 24.2364

Protanopia

44.3189, 47.5114, 28.3075

Deuteranopia

48.4188, 47.3401, 23.7251



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

57.0893, 47.4368, 24.2364

Protanomaly

48.1802, 46.8645, 26.5850

Deuteranomaly

51.1220, 47.0315, 23.8363

Tritanomaly

58.6335, 47.2389, 34.8819

Monochromacy



Original Color

57.0893, 47.4368, 24.2364

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.7757, 46.3655, 39.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0893, 47.4368, 24.2364 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, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 121)  
}
```

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, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 121) }
```

Border

The CSS property to change the border of an element to XYZ 57.0893, 47.4368, 24.2364 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, 159, 121) }
```


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

```
.border{ border-color:rgb(255, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0893, 47.4368, 24.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 121) }
```

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

```
.background{ background-color: rgb(255,  
159, 121) }
```

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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