

Converting Colors

XYZ(127.6591, 84.1755,
27.7368)

Have a look what the booklet for
XYZ(127.6591, 84.1755, 27.7368)
contains.

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Color

**XYZ(57.2620, 47.7821,
24.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA079
RGB	255, 160, 121
RGB Percent	100%, 63%, 47%
CMY	0.0000, 0.3725, 0.5255
CMYK	0.00, 0.37, 0.53, 0.00
HSL	17°, 100%, 74%
HSV	17°, 53%, 100%
XYZ	57.2620, 47.7821, 24.2940
YIQ	183.9590, 69.1390, 8.0110

Conversions

Conversions Part 2

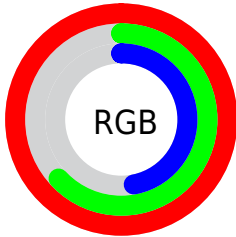
Format	Color
R _Y B	255, 176, 121
Decimal	16752761
CIE Lab	74.69, 31.40, 35.05
CIE LCh	75, 47.059, 48.148
Yxy	47.7821, 0.4427, 0.3694
Android (android.graphics.Color)	4294942841 (0xFFFFA079)
YUV	183.9590, -31.0388, 62.3030
Hunter-Lab	69.1246, 26.8992, 27.5496

Details

The XYZ color **57.2620, 47.7821, 24.2940** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4896, 60.3937, 103.6034**, and the grayscale version is **45.6778, 48.0566, 52.3336**.

A 20% lighter version of the original color is **73.1804, 72.9169, 50.2617**, and **28.9331, 22.5854, 8.9654** is the 20% darker color. If you saturate the color by 10%, you get **52.9909, 41.4205, 16.1484**, and if you desaturate by 10%, it is **62.4044, 55.2252, 34.7696**.

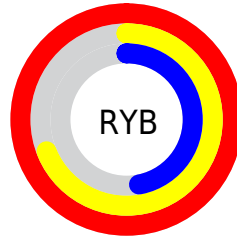
Distribution



Red (100%)

Green (63%)

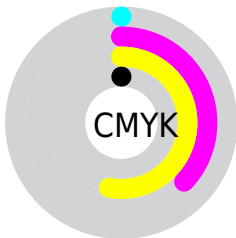
Blue (47%)



Red (100%)

Yellow (69%)

Blue (47%)

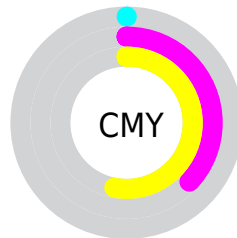


Cyan (0%)

Magenta (37%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2620, 47.7821, 24.2940 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 57.2620, 47.7821, 24.2940 by changing the saturation by 10% instead.


 57.2620, 47.7821,
24.2940


 57.2620, 47.7821,
24.2940


404.4287,
377.9278, 287.6378


 41.4566, 33.6544,
15.3376


 99.9765, 86.8799,
51.4594

 28.8653, 22.6282,
8.9074


 127.6164,
112.6187, 70.5055

 19.1227, 14.3192,
4.5849


 159.9317,
142.9967, 93.7519

 11.8635, 8.3430,
1.9514

197.2879,
178.3982, 121.6172

 6.7223, 4.3152,
0.5251

240.0504,
219.2077, 154.5199

 3.3338, 1.8514,
0.0000

288.5844,

 1.3327, 0.5189,

265.8095, 192.8785

0.0000

343.2554,
318.5881, 237.1116

■ 0.2075, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2620, 47.7821,
24.2940

■ 57.2620, 47.7821,
24.2940

■ 52.9909, 41.4205,
16.1484

■ 62.4044, 55.2252,
34.7696

■ 49.5346, 36.0806,
10.1481

■ 68.4627, 63.7913,
47.7350

■ 46.8349, 31.7074,
6.0843

■ 75.4825, 73.5282,
63.3391

■ 44.8224, 28.2370,
3.7041

■ 83.5049, 84.4789,
81.7179

■ 43.7039, 26.1880,
2.7513

■ 92.5689, 96.6841,
102.9983

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.



62.8532, 47.7821, 38.7237



57.2620, 47.7821, 24.2940



48.8683, 47.7821, 18.2647

Triad

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



57.2620, 47.7821, 24.2940



31.1797, 47.7821, 42.9626



50.7184, 47.7821, 110.6494

Complementary

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



57.2620, 47.7821, 24.2940



50.4896, 60.3937, 103.6034

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.



42.1292, 47.7821, 112.8725



57.2620, 47.7821, 24.2940



31.5439, 47.7821, 68.0727

Square

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



57.2620, 47.7821, 24.2940



34.2605, 47.7821, 26.5566



35.3270, 47.7821, 95.4480



58.7616, 47.7821, 90.0845

Rectangle

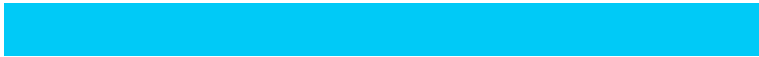
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



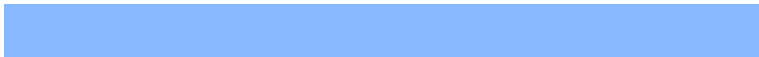
57.2620, 47.7821, 24.2940



43.1302, 47.7821, 18.0036



35.3270, 47.7821, 95.4480



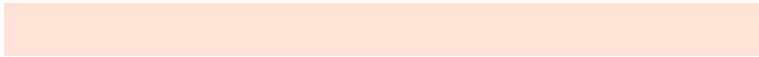
47.7801, 47.7821, 113.7584

Sweetspot

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



57.2632, 47.7845, 24.2949



80.6203, 80.5596, 75.0527



60.6061, 39.9465, 70.1846



16.9003, 16.7578, 15.2483



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.



57.2632, 47.7845, 24.2949



52.8178, 41.1578, 15.8326



71.8784, 77.0150, 29.1667



18.4401, 18.8484, 18.8105



22.9471, 13.9054, 1.4746



2.3236, 1.5325, 0.1733

Inverse Universe

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



50.4896, 60.3937, 103.6034



45.3156, 54.8453, 102.8056



36.8472, 33.1087, 99.0559



18.0820, 19.5357, 23.0677



18.1765, 21.2625, 52.5807



1.8641, 2.2589, 5.1510

Previews

White Background



This preview shows how the XYZ color 57.2620, 47.7821, 24.2940 looks on a white background.

Color Contrast Check

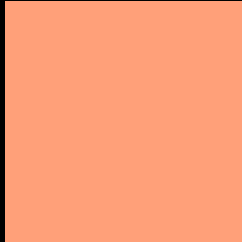
Large Text (above 18pt) WCAG AA × Fail

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 57.2620, 47.7821, 24.2940 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 57.2620, 47.7821, 24.2940

Background



This preview shows how black text looks on a background with the XYZ color 57.2620, 47.7821, 24.2940.



This preview shows how white text looks on a background with the XYZ color 57.2620, 47.7821,

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

57.2620, 47.7821, 24.2940

Protanopia

44.7904, 48.0618, 28.3889

Deuteranopia

48.9195, 47.8883, 23.8046



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

57.2620, 47.7821, 24.2940

Protanomaly

48.3742, 47.2523, 26.6497

Deuteranomaly

51.6362, 47.5738, 23.9139

Tritanomaly

58.8020, 47.5760, 34.9380

Monochromacy



Original Color

57.2620, 47.7821, 24.2940

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.3413, 46.9348, 40.2297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2620, 47.7821, 24.2940 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, 160, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 121) }
```

Border

The CSS property to change the border of an element to XYZ 57.2620, 47.7821, 24.2940 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, 160, 121) }
```


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

```
.border{ border-color:rgb(255, 160, 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, 160, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 121); box-shadow:4px 4px 4px 4px rgb(255, 160, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2620, 47.7821, 24.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 121) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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