

Converting Colors

XYZ(115.0013, 76.2816,
30.6215)

Have a look what the booklet for
XYZ(115.0013, 76.2816, 30.6215)
contains.

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Color

**XYZ(57.1262, 46.3686,
27.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B84
RGB	255, 155, 132
RGB Percent	100%, 61%, 52%
CMY	0.0000, 0.3921, 0.4823
CMYK	0.00, 0.39, 0.48, 0.00
HSL	11°, 100%, 76%
HSV	11°, 48%, 100%
XYZ	57.1262, 46.3686, 27.7690
YIQ	182.2780, 66.9830, 14.0470

Conversions

Conversions Part 2

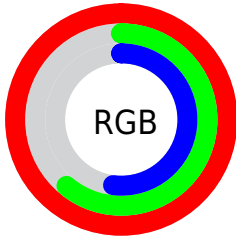
Format	Color
R _Y B	255, 160, 132
Decimal	16751492
CIE Lab	73.78, 34.96, 27.97
CIE LCh	74, 44.769, 38.662
Yxy	46.3686, 0.4352, 0.3532
Android (android.graphics.Color)	4294941572 (0xFFFF9B84)
YUV	182.2780, -24.7871, 63.7772
Hunter-Lab	68.0945, 30.5828, 23.4876

Details

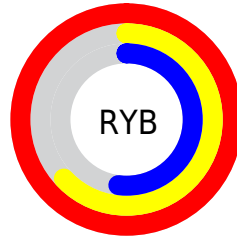
The XYZ color **57.1262, 46.3686, 27.7690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4209, 69.8356, 105.1134**, and the grayscale version is **44.7214, 47.0504, 51.2379**.

A 20% lighter version of the original color is **73.0435, 70.8560, 55.7257**, and **28.7800, 21.7140, 10.6570** is the 20% darker color. If you saturate the color by 10%, you get **52.4309, 39.4377, 18.6216**, and if you desaturate by 10%, it is **62.8425, 54.6592, 39.3613**.

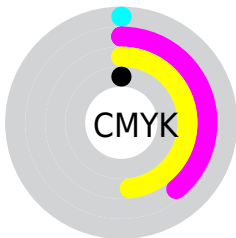
Distribution



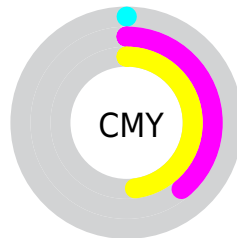
- Red (100%)
- Green (61%)
- Blue (52%)



- Red (100%)
- Yellow (63%)
- Blue (52%)



- Cyan (0%)
- Magenta (39%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1262, 46.3686, 27.7690 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 57.1262, 46.3686, 27.7690 by changing the saturation by 10% instead.


 57.1262, 46.3686,
27.7690

 57.1262, 46.3686,
27.7690


403.9286,
372.2886, 305.2386

 41.3471, 32.5368,
17.9141


 99.7796, 84.7704,
57.1341

 28.7793, 21.7718,
10.7195


 127.3846,
110.1091, 77.4813

 19.0573, 13.6893,
5.7668


 159.6623,
140.0523, 102.1631

 11.8160, 7.9049,
2.6373

196.9781,
174.9843, 131.5979

 6.6898, 4.0342,
0.9116

239.6972,
215.2896, 166.2043

 3.3135, 1.6927,
0.0000

288.1851,

 1.3216, 0.4189,

261.3524, 206.4009

0.0000

342.8071,
313.5573, 252.6061

■ 0.1993, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1262, 46.3686,
27.7690

■ 57.1262, 46.3686,
27.7690

■ 52.4309, 39.4377,
18.6216

■ 62.8425, 54.6592,
39.3613

■ 48.6914, 33.7865,
11.7400

■ 69.6329, 64.3702,
53.5552

■ 45.8397, 29.3370,
6.9244

■ 77.5509, 75.5668,
70.4969

■ 43.7971, 25.9994,
3.9384

■ 86.6452, 88.3082,
90.3214

■ 42.4639, 23.6686, 95.0499, 99.9999,
2.4597 108.9000

■ 42.2844, 23.3490,
2.2782

Harmonies

Analogous

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



60.9875, 46.3686, 44.1739



57.1262, 46.3686, 27.7690



49.8749, 46.3686, 19.6909

Triad

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



57.1262, 46.3686, 27.7690



31.3055, 46.3686, 36.1671



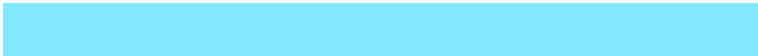
46.4157, 46.3686, 107.3518

Complementary

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



57.1262, 46.3686, 27.7690



56.4209, 69.8356, 105.1134

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.



38.7375, 46.3686, 103.2655



57.1262, 46.3686, 27.7690



30.6148, 46.3686, 57.3757

Square

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



57.1262, 46.3686, 27.7690



35.1909, 46.3686, 23.4264



33.1753, 46.3686, 83.0940



54.3341, 46.3686, 92.9967

Rectangle

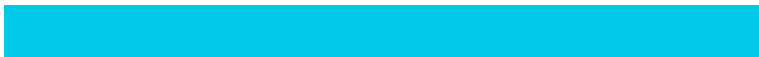
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1262, 46.3686, 27.7690



44.4302, 46.3686, 18.1371



33.1753, 46.3686, 83.0940



43.7157, 46.3686, 108.1601

Sweetspot

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



57.1274, 46.3709, 27.7699



81.2559, 80.7707, 78.5327



64.1209, 43.6147, 81.7184



16.9824, 16.7133, 15.9189



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.



57.1274, 46.3709, 27.7699



52.5301, 39.5856, 18.8097



69.9736, 72.0634, 32.0520



18.2842, 18.5366, 18.7586



22.1728, 12.3568, 1.2165



2.2287, 1.3427, 0.1417

Inverse Universe

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



56.4209, 69.8356, 105.1134



51.6868, 65.4746, 104.5214



42.1195, 41.2329, 100.3463



18.2491, 19.8697, 23.1234



21.2327, 27.3750, 53.5994



2.1386, 2.8078, 5.2425

Previews

White Background



This preview shows how the XYZ color 57.1262, 46.3686, 27.7690 looks on a white background.

Color Contrast Check

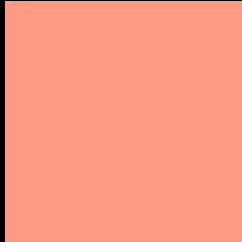
Large Text (above 18pt) WCAG AA × Fail

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 57.1262, 46.3686, 27.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

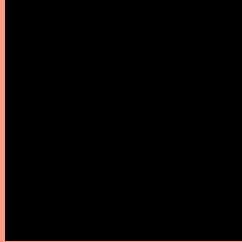
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1262, 46.3686, 27.7690

Background



This preview shows how black text looks on a background with the XYZ color 57.1262, 46.3686, 27.7690.



This preview shows how white text looks on a background with the XYZ color 57.1262, 46.3686,

27.7690.

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

57.1262, 46.3686, 27.7690

Protanopia

43.5502, 46.3988, 33.0461

Deuteranopia

47.3512, 46.4295, 26.8882



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

57.1262, 46.3686, 27.7690

Protanomaly

47.8051, 45.9974, 31.1697

Deuteranomaly

50.4143, 46.0454, 26.9994

Tritanomaly

58.2987, 46.3095, 35.5717

Monochromacy



Original Color

57.1262, 46.3686, 27.7690

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.7479, 45.7407, 41.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1262, 46.3686, 27.7690 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, 155, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 132)  
}
```

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, 155, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 132) }
```

Border

The CSS property to change the border of an element to XYZ 57.1262, 46.3686, 27.7690 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, 155, 132) }
```


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

```
.border{ border-color:rgb(255, 155, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1262, 46.3686, 27.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 132) }
```

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

```
.background{ background-color: rgb(255,  
155, 132) }
```

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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