

Converting Colors

XYZ(57.0435, 46.4146, 27.0896)

Have a look what the booklet for
XYZ(57.0435, 46.4146, 27.0896)
contains.

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Color

**XYZ(56.9906, 46.3144,
27.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B82
RGB	255, 155, 130
RGB Percent	100%, 61%, 51%
CMY	0.0000, 0.3921, 0.4902
CMYK	0.00, 0.39, 0.49, 0.00
HSL	12°, 100%, 75%
HSV	12°, 49%, 100%
XYZ	56.9906, 46.3144, 27.0549
YIQ	182.0500, 67.6250, 13.4250

Conversions

Conversions Part 2

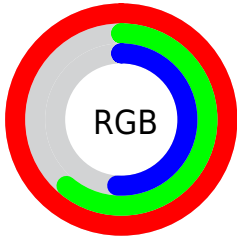
Format	Color
RYB	255, 161, 130
Decimal	16751490
CIELab	73.75, 34.77, 29.00
CIElCh	74, 45.282, 39.830
Yxy	46.3144, 0.4372, 0.3553
Android (android.graphics.Color)	4294941570 (0xFFFF9B82)
YUV	182.0500, -25.6606, 63.9772
Hunter-Lab	68.0547, 30.3844, 24.0677

Details

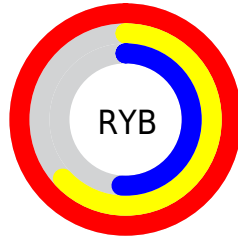
The XYZ color **56.9906, 46.3144, 27.0549** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.5511, 68.5561, 104.9122**, and the grayscale version is **44.6014, 46.9241, 51.1004**.

A 20% lighter version of the original color is **72.8338, 70.7721, 54.6214**, and **28.7050, 21.6840, 10.2619** is the 20% darker color. If you saturate the color by 10%, you get **52.3735, 39.4885, 18.0923**, and if you desaturate by 10%, it is **62.6075, 54.4615, 38.4439**.

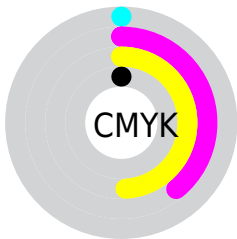
Distribution



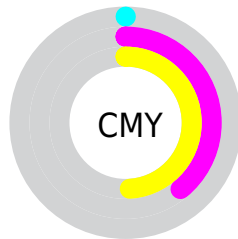
- Red (100%)
- Green (61%)
- Blue (51%)



- Red (100%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9906, 46.3144, 27.0549 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 56.9906, 46.3144, 27.0549 by changing the saturation by 10% instead.


 56.9906, 46.3144,
27.0549


 56.9906, 46.3144,
27.0549


403.4288,
372.0712, 301.6914


 41.2378, 32.4940,
17.3817


 99.5829, 84.6893,
55.9768

 28.6934, 21.7391,
10.3421


 127.1531,
110.0126, 76.0625

 18.9921, 13.6653,
5.5178


 159.3932,
139.9390, 100.4561

 11.7686, 7.8883,
2.4902

196.6685,
174.8529, 129.5761

 6.6574, 4.0235,
0.8349

239.3443,
215.1387, 163.8411

 3.2932, 1.6867,
0.0000

287.7861,

 1.3106, 0.4150,

261.1807, 203.6696

0.0000

342.3592,
313.3634, 249.4802

■ 0.1912, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9906, 46.3144,
27.0549

■ 56.9906, 46.3144,
27.0549

■ 52.3735, 39.4885,
18.0923

■ 62.6075, 54.4615,
38.4439

■ 48.6922, 33.9065,
11.3756

■ 69.2763, 63.9879,
52.4163

■ 45.8800, 29.4935,
6.7036

■ 77.0494, 74.9565,
69.1193

■ 43.8592, 26.1632,
3.8371

■ 85.9746, 87.4243,
88.6880

■ 42.5273, 23.8129,
2.4267

95.0499, 99.9999,
108.9000

■ 42.4242, 23.6287,
2.3248

Harmonies

Analogous

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



61.0760, 46.3144, 43.2412



56.9906, 46.3144, 27.0549



49.5685, 46.3144, 19.2419

Triad

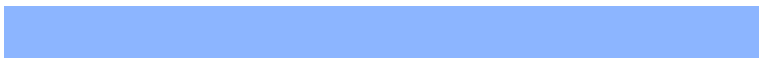
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.9906, 46.3144, 27.0549



31.0461, 46.3144, 36.6522



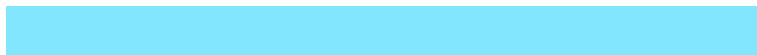
46.7128, 46.3144, 107.8364

Complementary

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



56.9906, 46.3144, 27.0549



55.5511, 68.5561, 104.9122

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.



38.9027, 46.3144, 104.4453



56.9906, 46.3144, 27.0549



30.4783, 46.3144, 58.3711

Square

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



56.9906, 46.3144, 27.0549



34.8429, 46.3144, 23.4985



33.1845, 46.3144, 84.4323



54.6827, 46.3144, 92.6389

Rectangle

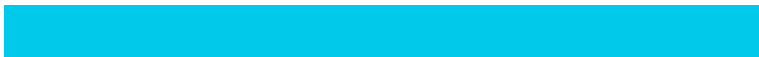
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.9906, 46.3144, 27.0549



44.0662, 46.3144, 17.8488



33.1845, 46.3144, 84.4323



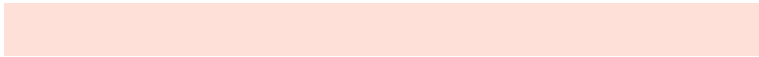
43.9747, 46.3144, 108.9186

Sweetspot

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



56.9917, 46.3167, 27.0558



80.4957, 79.7844, 76.6326



63.5056, 42.9387, 79.8038



16.8375, 16.5286, 15.5466



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.



56.9917, 46.3167, 27.0558



52.3816, 39.5004, 18.1072



70.2112, 72.7556, 31.4622



18.3036, 18.5753, 18.7650



22.2502, 12.5117, 1.2423



2.2389, 1.3632, 0.1451

Inverse Universe

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



55.5511, 68.5561, 104.9122



50.7218, 63.9938, 104.2865



41.1667, 39.7872, 100.1174



18.2280, 19.8277, 23.1164



20.8212, 26.5520, 53.4622



2.1020, 2.7347, 5.2303

Previews

White Background



This preview shows how the XYZ color 56.9906, 46.3144, 27.0549 looks on a white background.

Color Contrast Check

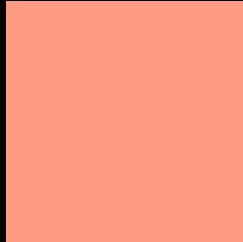
Large Text (above 18pt) WCAG AA × Fail

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 56.9906, 46.3144, 27.0549 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 56.9906, 46.3144, 27.0549

Background



This preview shows how black text looks on a background with the XYZ color 56.9906, 46.3144, 27.0549.



This preview shows how white text looks on a background with the XYZ color 56.9906, 46.3144,

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

56.9906, 46.3144, 27.0549

Protanopia

43.6545, 46.4701, 32.2600

Deuteranopia

47.5172, 46.5302, 26.2155



Tritanopia

58.9898, 46.3251, 40.0150

Trichromacy



Original Color

56.9906, 46.3144, 27.0549

Protanomaly

47.6589, 45.9390, 30.4000

Deuteranomaly

50.6045, 46.1587, 26.3210

Tritanomaly

58.1363, 46.2445, 34.7161

Monochromacy



Original Color

56.9906, 46.3144, 27.0549

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.6579, 45.7047, 40.9604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9906, 46.3144, 27.0549 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 130) }
```

Border

The CSS property to change the border of an element to XYZ 56.9906, 46.3144, 27.0549 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, 130) }
```


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

```
.border{ border-color:rgb(255, 155, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9906, 46.3144, 27.0549 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, 130) }
```

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

```
.background{ background-color: rgb(255,  
155, 130) }
```

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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