

Converting Colors

XYZ(56.7486, 47.3257, 32.9319)

Have a look what the booklet for
XYZ(56.7486, 47.3257, 32.9319)
contains.

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Color

**XYZ(56.7486, 47.3257,
32.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A091
RGB	249, 160, 145
RGB Percent	98%, 63%, 57%
CMY	0.0235, 0.3725, 0.4314
CMYK	0.00, 0.36, 0.42, 0.02
HSL	9°, 90%, 77%
HSV	9°, 42%, 98%
XYZ	56.7486, 47.3257, 32.9319
YIQ	184.9010, 57.8590, 14.2030

Conversions

Conversions Part 2

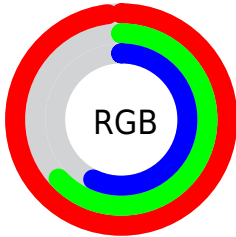
Format	Color
R _Y B	249, 163, 145
Decimal	16359569
CIE Lab	74.40, 31.38, 21.61
CIE LCh	74, 38.101, 34.550
Yxy	47.3257, 0.4142, 0.3454
Android (android.graphics.Color)	4294549649 (0xFFFF9A091)
YUV	184.9010, -19.6712, 56.2148
Hunter-Lab	68.7937, 26.8575, 19.7731

Details

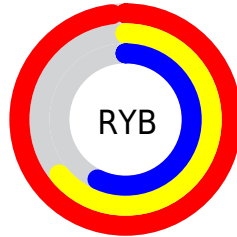
The XYZ color **56.7486, 47.3257, 32.9319** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1975, 71.7020, 100.3950**, and the grayscale version is **46.1436, 48.5466, 52.8673**.

A 20% lighter version of the original color is **75.8492, 73.9844, 64.3156**, and **28.5133, 22.2707, 13.3855** is the 20% darker color. If you saturate the color by 10%, you get **51.6524, 39.8765, 22.7761**, and if you desaturate by 10%, it is **62.9011, 56.2139, 45.5164**.

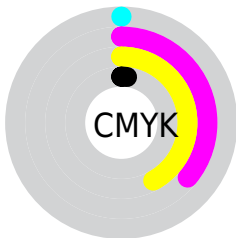
Distribution



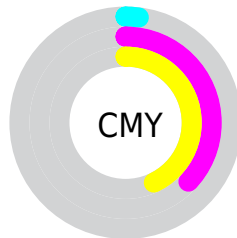
- Red (98%)
- Green (63%)
- Blue (57%)



- Red (98%)
- Yellow (64%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7486, 47.3257, 32.9319 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 56.7486, 47.3257, 32.9319 by changing the saturation by 10% instead.


 56.7486, 47.3257,
32.9319

 56.7486, 47.3257,
32.9319


402.5360,
376.1131, 329.9654

 41.0428, 33.2932,
21.8036

 99.2317, 86.1996,
65.3840

 28.5403, 22.3512,
13.5157


 126.7398,
111.8098, 87.5448

 18.8759, 14.1152,
7.6497

158.9126,
142.0480, 114.2203

 11.6841, 8.2008,
3.7871


196.1156,
177.2986, 145.8289

 6.5996, 4.2237,
1.5093

238.7141,
217.9460, 182.7891

 3.2571, 1.7995,
0.2248

287.0734,

 1.2911, 0.4868,

264.3746, 225.5196

0.0000

341.5589,
316.9689, 274.4388

■ 0.1766, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7486, 47.3257,
32.9319

■ 56.7486, 47.3257,
32.9319

■ 51.6524, 39.8765,
22.7761

■ 62.9011, 56.2139,
45.5164

■ 47.5487, 33.7837,
14.8894

■ 70.1614, 66.6041,
60.6701

■ 44.3725, 28.9669,
9.0969

■ 78.5821, 78.5642,
78.5257

■ 42.0493, 25.3343,
5.1971

■ 88.2114, 92.1557,
99.2061

■ 40.4923, 22.7813,
2.9485

■ 92.8769, 98.8797,
108.7983

■ 39.6956, 21.3970,
2.0379

Harmonies

Analogous

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



59.4592, 47.3257, 48.5898



56.7486, 47.3257, 32.9319



50.8937, 47.3257, 24.3845

Triad

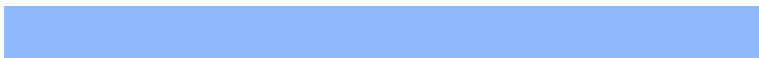
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7486, 47.3257, 32.9319



34.0879, 47.3257, 36.9362



46.0365, 47.3257, 99.1267

Complementary

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



56.7486, 47.3257, 32.9319



58.1975, 71.7020, 100.3950

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.



39.5462, 47.3257, 93.7391



56.7486, 47.3257, 32.9319



33.0684, 47.3257, 54.5857

Square

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



56.7486, 47.3257, 32.9319



37.9057, 47.3257, 26.2504



34.9653, 47.3257, 76.0698



52.8876, 47.3257, 89.3428

Rectangle

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



56.7486, 47.3257, 32.9319



46.2467, 47.3257, 22.3223



34.9653, 47.3257, 76.0698



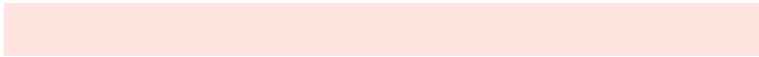
43.7399, 47.3257, 99.0466

Sweetspot

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



56.7498, 47.3280, 32.9328



81.7735, 81.2635, 80.3774



64.2072, 46.3968, 84.2698



17.0668, 16.7754, 16.2760



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.



56.7498, 47.3280, 32.9328



55.3663, 43.3311, 25.6956



67.4391, 68.7066, 36.4959



17.4466, 17.6291, 17.9456



21.3091, 11.5748, 1.1110



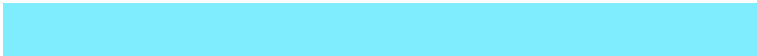
2.0326, 1.1901, 0.1226

Inverse Universe

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



58.1975, 71.7020, 100.3950



57.0467, 72.1097, 105.5196



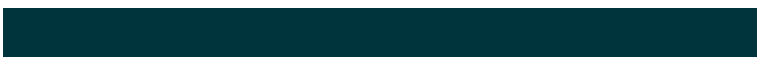
45.7374, 46.7818, 96.2417



17.5398, 19.1565, 22.1584



21.9806, 29.3167, 52.4737



2.0923, 2.8282, 4.8788

Previews

White Background



This preview shows how the XYZ color 56.7486, 47.3257, 32.9319 looks on a white background.

Color Contrast Check

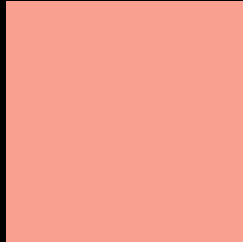
Large Text (above 18pt) WCAG AA × Fail

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 56.7486, 47.3257, 32.9319 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 56.7486, 47.3257, 32.9319

Background



This preview shows how black text looks on a background with the XYZ color 56.7486, 47.3257, 32.9319.



This preview shows how white text looks on a background with the XYZ color 56.7486, 47.3257,

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

56.7486, 47.3257, 32.9319

Protanopia

44.9266, 47.6047, 38.2732

Deuteranopia

48.4322, 47.4507, 32.1974



Tritanopia

58.9085, 47.4503, 43.0998

Trichromacy



Original Color

56.7486, 47.3257, 32.9319

Protanomaly

48.4380, 47.0731, 36.2388

Deuteranomaly

51.0112, 47.0635, 32.3822

Tritanomaly

57.9964, 47.3158, 39.3338

Monochromacy



Original Color

56.7486, 47.3257, 32.9319

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.7935, 47.3628, 44.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7486, 47.3257, 32.9319 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(249, 160, 145)` looks like.

```
.text, #text, p{  
    color:rgb(249, 160, 145)  
}
```

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(249, 160, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 160, 145) }
```

Border

The CSS property to change the border of an element to XYZ 56.7486, 47.3257, 32.9319 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(249, 160, 145) }
```


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

```
.border{ border-color:rgb(249, 160, 145) }
```

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

Here you see how a box with a 4 pixel rgb(249, 160, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 160, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 160, 145);  
box-shadow:4px 4px 4px 4px rgb(249, 160,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7486, 47.3257, 32.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 160, 145) }
```

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

```
.background{ background-color: rgb(249,  
160, 145) }
```

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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