

Converting Colors

XYZ(57.1701, 44.8157, 33.1793)

Have a look what the booklet for
XYZ(57.1701, 44.8157, 33.1793)
contains.

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Color

**XYZ(57.2539, 44.8615,
33.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9593
RGB	255, 149, 147
RGB Percent	100%, 58%, 58%
CMY	0.0000, 0.4157, 0.4235
CMYK	0.00, 0.42, 0.42, 0.00
HSL	1°, 100%, 79%
HSV	1°, 42%, 100%
XYZ	57.2539, 44.8615, 33.2453
YIQ	180.4660, 63.8180, 21.8500

Conversions

Conversions Part 2

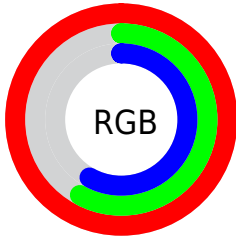
Format	Color
R _Y B	255, 149, 147
Decimal	16749971
CIE Lab	72.80, 39.51, 18.43
CIE LCh	73, 43.598, 25.006
Yxy	44.8615, 0.4230, 0.3314
Android (android.graphics.Color)	4294940051 (0xFFFF9593)
YUV	180.4660, -16.4987, 65.3663
Hunter-Lab	66.9787, 35.3703, 17.4562

Details

The XYZ color **57.2539, 44.8615, 33.2453** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2061, 83.6697, 107.3207**, and the grayscale version is **43.6961, 45.9717, 50.0632**.

A 20% lighter version of the original color is **73.3755, 68.6628, 64.6443**, and **28.7999, 20.8124, 13.5656** is the 20% darker color. If you saturate the color by 10%, you get **51.9272, 37.0633, 22.6678**, and if you desaturate by 10%, it is **63.8771, 54.5429, 46.4437**.

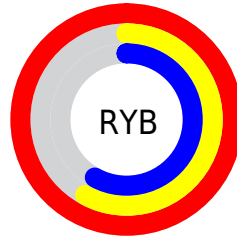
Distribution



Red (100%)

Green (58%)

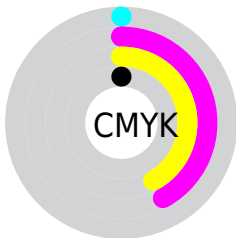
Blue (58%)



Red (100%)

Yellow (58%)

Blue (58%)

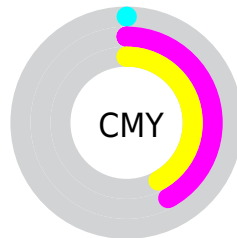


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2539, 44.8615, 33.2453 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 57.2539, 44.8615, 33.2453 by changing the saturation by 10% instead.


 57.2539, 44.8615,
33.2453

 57.2539, 44.8615,
33.2453


404.3988,
366.2123, 331.4195

 41.4501, 31.3483,
22.0418

 99.9648, 82.5125,
65.8787

 28.8601, 20.8643,
13.6890


 127.6025,
107.4192, 88.1457

 19.1188, 13.0248,
7.7684

159.9156,
136.8925, 114.9376

 11.8607, 7.4456,
3.8615

197.2695,
171.3169, 146.6729

 6.7204, 3.7423,
1.5497

240.0293,
211.0766, 183.7702

 3.3326, 1.5305,
0.2545

288.5606,

 1.3320, 0.3100,

256.5562, 226.6481

0.0000

343.2287,
308.1400, 275.7250

■ 0.2070, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2539, 44.8615,
33.2453

■ 57.2539, 44.8615,
33.2453

■ 51.9272, 37.0633,
22.6678

■ 63.8771, 54.5429,
46.4437

■ 47.8088, 31.0196,
14.5342

■ 71.8703, 66.2116,
62.4189

■ 44.8053, 26.5965,
8.6498

■ 81.3057, 79.9724,
81.3177

■ 42.8078, 23.6379,
4.7891

■ 92.2494, 95.9205,
103.2759

■ 41.6859, 21.9569, 95.0499, 100.0000,
2.6798 108.9000

■ 41.2913, 21.3628,
1.9471

Harmonies

Analogous

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



58.8638, 44.8615, 52.5695



57.2539, 44.8615, 33.2453



51.5530, 44.8615, 22.0165

Triad

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



57.2539, 44.8615, 33.2453



31.7824, 44.8615, 28.6113



41.3838, 44.8615, 103.3237

Complementary

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



57.2539, 44.8615, 33.2453



65.2061, 83.6697, 107.3207

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.



34.8176, 44.8615, 91.6255



57.2539, 44.8615, 33.2453



29.7093, 44.8615, 45.3037

Square

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



57.2539, 44.8615, 33.2453



36.7722, 44.8615, 19.9496



30.7512, 44.8615, 68.6944



49.1000, 44.8615, 97.2617

Rectangle

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



57.2539, 44.8615, 33.2453



46.5212, 44.8615, 18.6096



30.7512, 44.8615, 68.6944



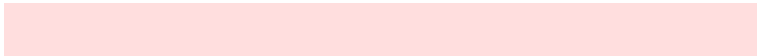
38.9800, 44.8615, 101.2577

Sweetspot

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



57.2551, 44.8638, 33.2461



80.6499, 79.0162, 80.0028



69.4353, 49.2323, 98.9386



16.7939, 16.2297, 16.1850



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.



57.2551, 44.8638, 33.2461



52.5752, 38.0128, 23.9515



67.8153, 65.9843, 36.7662



18.0364, 18.0410, 18.6760



21.5873, 11.1859, 1.0213



2.1110, 1.1073, 0.1025

Inverse Universe

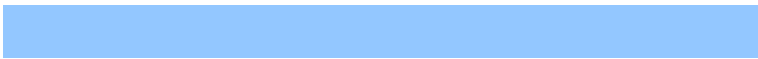
The Inverse Universe completely reimagines the original color for something new.



65.2061, 83.6697, 107.3207



61.4943, 81.5646, 107.1102



50.5524, 54.3623, 102.4361



18.5242, 20.4201, 23.2151



27.3502, 39.6100, 55.6386



2.6719, 3.8744, 5.4203

Previews

White Background



This preview shows how the XYZ color 57.2539, 44.8615, 33.2453 looks on a white background.

Color Contrast Check

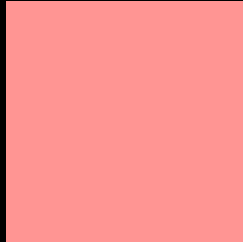
Large Text (above 18pt) WCAG AA × Fail

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 57.2539, 44.8615, 33.2453 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 57.2539, 44.8615, 33.2453

Background



This preview shows how black text looks on a background with the XYZ color 57.2539, 44.8615, 33.2453.



This preview shows how white text looks on a background with the XYZ color 57.2539, 44.8615,

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

57.2539, 44.8615, 33.2453

Protanopia

42.6917, 44.8885, 40.5967

Deuteranopia

46.0049, 45.0435, 32.2561



Tritanopia

58.0015, 44.9084, 37.9589

Trichromacy



Original Color

57.2539, 44.8615, 33.2453



Protanomaly

46.7685, 43.9206, 37.9109



Deuteranomaly

49.6735, 44.7333, 32.4019



Tritanomaly

57.6626, 44.7729, 36.1747

Monochromacy



Original Color

57.2539, 44.8615, 33.2453



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.9880, 44.4685, 43.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2539, 44.8615, 33.2453 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, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 147)  
}
```

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, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 57.2539, 44.8615, 33.2453 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, 149, 147) }
```


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

```
.border{ border-color:rgb(255, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2539, 44.8615, 33.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 147) }
```

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

```
.background{ background-color: rgb(255,  
149, 147) }
```

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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