

Converting Colors

XYZ(72.9604, 50.6669, 33.0243)

Have a look what the booklet for
XYZ(72.9604, 50.6669, 33.0243)
contains.

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Color

**XYZ(55.6609, 41.8006,
32.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B92
RGB	255, 139, 146
RGB Percent	100%, 55%, 57%
CMY	0.0000, 0.4549, 0.4274
CMYK	0.00, 0.45, 0.43, 0.00
HSL	356°, 100%, 77%
HSV	356°, 45%, 100%
XYZ	55.6609, 41.8006, 32.3288
YIQ	174.4820, 66.8890, 26.7690

Conversions

Conversions Part 2

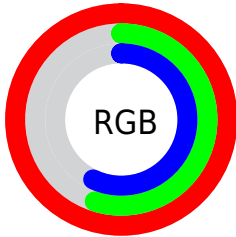
Format	Color
R _Y B	255, 139, 146
Decimal	16747410
CIE _{Lab}	70.73, 44.47, 16.11
CIE _{LCh}	71, 47.298, 19.919
Yxy	41.8006, 0.4289, 0.3221
Android (android.graphics.Color)	4294937490 (0xFFFF8B92)
YUV	174.4820, -14.0416, 70.6143
Hunter-Lab	64.6534, 40.5294, 15.6104

Details

The XYZ color **55.6609, 41.8006, 32.3288** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3529, 83.7871, 101.6455**, and the grayscale version is **40.5272, 42.6378, 46.4326**.

A 20% lighter version of the original color is **70.9571, 64.0137, 63.2596**, and **27.9448, 19.1022, 13.2806** is the 20% darker color. If you saturate the color by 10%, you get **50.7170, 34.5899, 22.4283**, and if you desaturate by 10%, it is **61.8586, 50.8938, 44.5753**.

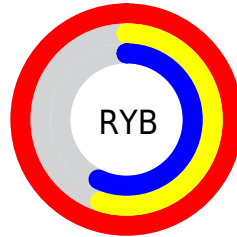
Distribution



Red (100%)

Green (55%)

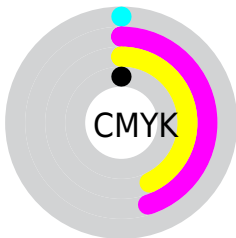
Blue (57%)



Red (100%)

Yellow (55%)

Blue (57%)

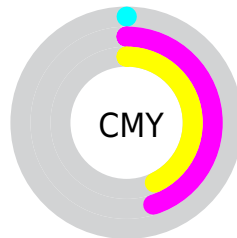


Cyan (0%)

Magenta (45%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6609, 41.8006, 32.3288 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 55.6609, 41.8006, 32.3288 by changing the saturation by 10% instead.


 55.6609, 41.8006,
32.3288

 55.6609, 41.8006,
32.3288


398.5081,
353.6557, 327.1531


 40.1670, 28.9452,
21.3459


 97.6513, 77.8978,
64.4301

 27.8536, 19.0394,
13.1834


 124.8785,
101.9083, 86.3855

 18.3552, 11.6987,
7.4227


 156.7476,
130.4060, 112.8355

 11.3065, 6.5389,
3.6454

193.6239,
163.7752, 144.1986

 6.3422, 3.1754,
1.4329

235.8727,
202.4004, 180.8934

 3.0969, 1.2240,
0.1672

283.8595,

 1.2052, 0.0812,

246.6660, 223.3384

0.0000

337.9495,
296.9563, 271.9521

■ 0.1105, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6609, 41.8006,
32.3288

■ 55.6609, 41.8006,
32.3288

■ 50.7170, 34.5899,
22.4283

■ 61.8586, 50.8938,
44.5753

■ 46.9384, 29.1239,
14.7217

■ 69.3843, 61.9818,
59.3022

■ 44.2301, 25.2566,
9.0425

■ 78.3101, 75.1758,
76.6362

■ 42.4807, 22.8151,
5.1995

■ 88.7020, 90.5768,
96.6952

■ 41.5540, 21.5865, 95.0499, 99.9999,
2.9648 108.9000

■ 41.3288, 21.2955,
2.3982

Harmonies

Analogous

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



56.5032, 41.8006, 53.4993



55.6609, 41.8006, 32.3288



50.2519, 41.8006, 19.8216

Triad

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



55.6609, 41.8006, 32.3288



29.2731, 41.8006, 22.9855



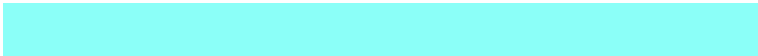
37.1487, 41.8006, 102.6494

Complementary

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



55.6609, 41.8006, 32.3288



63.3529, 83.7871, 101.6455

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.



30.7904, 41.8006, 87.1995



55.6609, 41.8006, 32.3288



26.6560, 41.8006, 38.3652

Square

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



55.6609, 41.8006, 32.3288



34.8109, 41.8006, 15.7879



27.1723, 41.8006, 61.8697



45.0924, 41.8006, 99.3878

Rectangle

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



55.6609, 41.8006, 32.3288



45.1359, 41.8006, 15.8085



27.1723, 41.8006, 61.8697



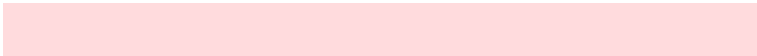
34.7744, 41.8006, 99.3177

Sweetspot

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



55.6620, 41.8027, 32.3296



79.7614, 77.3243, 79.4443



65.7356, 45.5101, 99.9271



16.6239, 15.8869, 16.1366



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.



55.6620, 41.8027, 32.3296



50.9303, 34.8998, 22.8586



64.1565, 59.6361, 32.5585



18.0538, 18.0048, 18.9003



21.6123, 11.1342, 1.3430



2.1192, 1.0900, 0.2091

Inverse Universe

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



55.6620, 41.8027, 32.3296



50.9303, 34.8998, 22.8586



50.4670, 56.2462, 102.8042



18.0538, 18.0048, 18.9003



21.6123, 11.1342, 1.3430



2.1192, 1.0900, 0.2091

Previews

White Background



This preview shows how the XYZ color 55.6609, 41.8006, 32.3288 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 55.6609, 41.8006, 32.3288 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 55.6609, 41.8006, 32.3288

Background



This preview shows how black text looks on a background with the XYZ color 55.6609, 41.8006, 32.3288.



This preview shows how white text looks on a background with the XYZ color 55.6609, 41.8006,

32.3288.

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

55.6609, 41.8006, 32.3288

Protanopia

40.1448, 42.1152, 40.6635

Deuteranopia

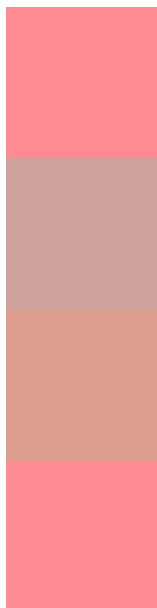
42.7138, 41.9780, 31.0506



Tritanopia

55.8974, 41.8952, 33.5742

Trichromacy



Original Color

55.6609, 41.8006, 32.3288

Protanomaly

44.5628, 41.1895, 37.4999

Deuteranomaly

46.8337, 41.4693, 31.5226

Tritanomaly

55.8179, 41.8634, 33.1555

Monochromacy



Original Color

55.6609, 41.8006, 32.3288

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

44.0743, 40.8666, 40.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6609, 41.8006, 32.3288 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, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 146)  
}
```

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, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 55.6609, 41.8006, 32.3288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

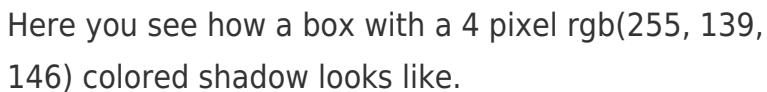
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 139, 146) }
```


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

```
.border{ border-color:rgb(255, 139, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 139, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 139, 146); box-shadow:4px 4px 4px 4px rgb(255, 139, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6609, 41.8006, 32.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 146) }
```

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

```
.background{ background-color: rgb(255,  
139, 146) }
```

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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