

Converting Colors

XYZ(55.5471, 42.0463, 30.8314)

Have a look what the booklet for
XYZ(55.5471, 42.0463, 30.8314)
contains.

XYZ(55.5006, 41.9692, 30.7668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5006, 41.9692,
30.7668)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C8E
RGB	255, 140, 142
RGB Percent	100%, 55%, 56%
CMY	0.0000, 0.4510, 0.4431
CMYK	0.00, 0.45, 0.44, 0.00
HSL	359°, 100%, 77%
HSV	359°, 45%, 100%
XYZ	55.5006, 41.9692, 30.7668
YIQ	174.6130, 67.8980, 25.0020

Conversions

Conversions Part 2

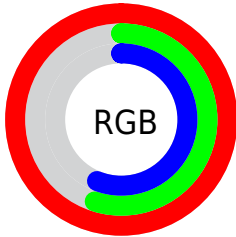
Format	Color
R _Y B	255, 140, 142
Decimal	16747662
CIE Lab	70.85, 43.56, 18.50
CIE LCh	71, 47.330, 23.008
Yxy	41.9692, 0.4328, 0.3273
Android (android.graphics.Color)	4294937742 (0xFFFF8C8E)
YUV	174.6130, -16.0782, 70.4994
Hunter-Lab	64.7836, 39.5508, 17.1908

Details

The XYZ color **55.5006, 41.9692, 30.7668** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3071, 84.1883, 105.7944**, and the grayscale version is **40.6046, 42.7192, 46.5212**.

A 20% lighter version of the original color is **70.7189, 64.2757, 60.9037**, and **27.8456, 19.1912, 12.3619** is the 20% darker color. If you saturate the color by 10%, you get **50.5222, 34.6924, 20.8456**, and if you desaturate by 10%, it is **61.7673, 51.1459, 43.2044**.

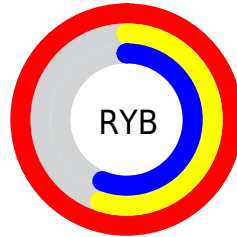
Distribution



Red (100%)

Green (55%)

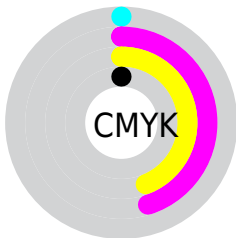
Blue (56%)



Red (100%)

Yellow (55%)

Blue (56%)

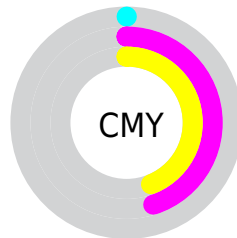


Cyan (0%)

Magenta (45%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5006, 41.9692, 30.7668 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 55.5006, 41.9692, 30.7668 by changing the saturation by 10% instead.


 55.5006, 41.9692,
30.7668


 55.5006, 41.9692,
30.7668


397.9124,
354.3552, 319.7804


 40.0381, 29.0772,
20.1644


 97.4181, 78.1530,
61.9480

 27.7526, 19.1392,
12.3293


 124.6038,
102.2136, 83.3638

 18.2787, 11.7709,
6.8431


 156.4279,
130.7658, 109.2212

 11.2512, 6.5879,
3.2872

193.2558,
164.1940, 139.9387

 6.3046, 3.2057,
1.2431

235.4528,
202.8827, 175.9348

 3.0736, 1.2401,
0.0145

283.3843,

 1.1928, 0.0941,

247.2162, 217.6281

0.0000

337.4157,
297.5789, 265.4371

■ 0.1007, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5006, 41.9692,
30.7668

■ 55.5006, 41.9692,
30.7668

■ 50.5222, 34.6924,
20.8456

■ 61.7673, 51.1459,
43.2044

■ 46.7397, 29.1767,
13.2671

■ 69.3997, 62.3358,
58.3113

■ 44.0536, 25.2746,
7.8397

■ 78.4731, 75.6510,
76.2310

■ 42.3471, 22.8122,
4.3402

■ 89.0563, 91.1934,
97.0960

■ 41.4766, 21.5750, 95.0499, 100.0000,
2.4969 108.9000

■ 41.2642, 21.2697,
2.0575

Harmonies

Analogous

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



56.8716, 41.9692, 51.1775



55.5006, 41.9692, 30.7668



49.7044, 41.9692, 19.0896

Triad

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



55.5006, 41.9692, 30.7668



28.9849, 41.9692, 24.2688



38.0769, 41.9692, 103.6112

Complementary

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



55.5006, 41.9692, 30.7668



64.3071, 84.1883, 105.7944

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.



31.4616, 41.9692, 89.7802



55.5006, 41.9692, 30.7668



26.6785, 41.9692, 40.6230

Square

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



55.5006, 41.9692, 30.7668



34.2641, 41.9692, 16.2911



27.5217, 41.9692, 64.8127



46.1014, 41.9692, 98.3111

Rectangle

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



55.5006, 41.9692, 30.7668



44.4774, 41.9692, 15.5215



27.5217, 41.9692, 64.8127



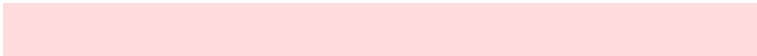
35.6302, 41.9692, 100.9262

Sweetspot

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



55.5017, 41.9713, 30.7676



79.5574, 77.2427, 78.3700



67.2729, 46.5186, 100.0409



16.5750, 15.8673, 15.8796



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.



55.5017, 41.9713, 30.7676



51.0075, 35.4011, 21.8146



65.1927, 61.5907, 33.2660



18.0222, 17.9922, 18.7339



21.5670, 11.1161, 1.1041



2.1042, 1.0840, 0.1301

Inverse Universe

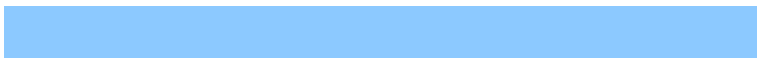
The Inverse Universe completely reimagines the original color for something new.



55.5017, 41.9713, 30.7676



51.0075, 35.4011, 21.8146



49.8317, 54.7266, 102.5445



18.0222, 17.9922, 18.7339



21.5670, 11.1161, 1.1041



2.1042, 1.0840, 0.1301

Previews

White Background



This preview shows how the XYZ color 55.5006, 41.9692, 30.7668 looks on a white background.

Color Contrast Check

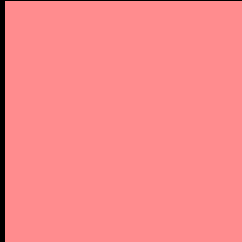
Large Text (above 18pt) WCAG AA × Fail

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 55.5006, 41.9692, 30.7668 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 55.5006, 41.9692, 30.7668

Background



This preview shows how black text looks on a background with the XYZ color 55.5006, 41.9692, 30.7668.



This preview shows how white text looks on a background with the XYZ color 55.5006, 41.9692,

30.7668.

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

55.5006, 41.9692, 30.7668

Protanopia

40.0240, 42.0936, 38.8163

Deuteranopia

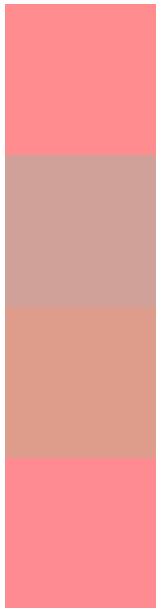
42.9627, 42.1401, 29.5364



Tritanopia

55.8974, 41.8952, 33.5742

Trichromacy



Original Color

55.5006, 41.9692, 30.7668

Protanomaly

44.2268, 41.0550, 35.7304

Deuteranomaly

46.8414, 41.5076, 29.9691

Tritanomaly

55.6609, 41.8006, 32.3288

Monochromacy



Original Color

55.5006, 41.9692, 30.7668

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.4330, 41.3224, 40.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5006, 41.9692, 30.7668 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, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 142)  
}
```

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, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 55.5006, 41.9692, 30.7668 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, 140, 142) }
```


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

```
.border{ border-color:rgb(255, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5006, 41.9692, 30.7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 142) }
```

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

```
.background{ background-color: rgb(255,  
140, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor