

Converting Colors

XYZ(73.7438, 50.7825, 39.2715)

Have a look what the booklet for
XYZ(73.7438, 50.7825, 39.2715)
contains.

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Color

**XYZ(56.6736, 41.9750,
38.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AA0
RGB	255, 138, 160
RGB Percent	100%, 54%, 63%
CMY	0.0000, 0.4588, 0.3725
CMYK	0.00, 0.46, 0.37, 0.00
HSL	349°, 100%, 77%
HSV	349°, 46%, 100%
XYZ	56.6736, 41.9750, 38.3727
YIQ	175.4910, 62.6700, 31.6460

Conversions

Conversions Part 2

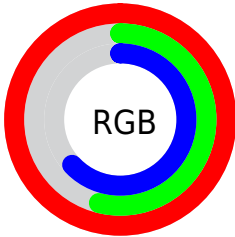
Format	Color
R_{YB}	255, 138, 160
Decimal	16747168
CIE _{Lab}	70.85, 46.47, 8.48
CIE _{LCh}	71, 47.238, 10.338
Yxy	41.9750, 0.4136, 0.3063
Android (android.graphics.Color)	4294937248 (0xFFFF8AA0)
YUV	175.4910, -7.6371, 69.7294
Hunter-Lab	64.7881, 42.7642, 10.2354

Details

The XYZ color **56.6736, 41.9750, 38.3727** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.9512, 82.8073, 89.8663**, and the grayscale version is **41.0188, 43.1550, 46.9958**.

A 20% lighter version of the original color is **72.7975, 64.7499, 72.9511**, and **28.5145, 19.2032, 16.6717** is the 20% darker color. If you saturate the color by 10%, you get **51.7720, 34.8333, 28.5340**, and if you desaturate by 10%, it is **62.7379, 50.9590, 50.0881**.

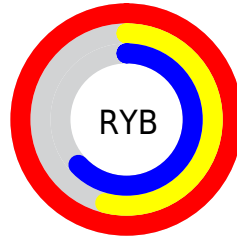
Distribution



Red (100%)

Green (54%)

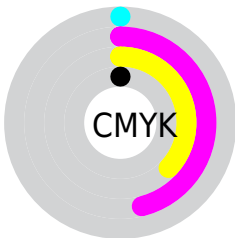
Blue (63%)



Red (100%)

Yellow (54%)

Blue (63%)

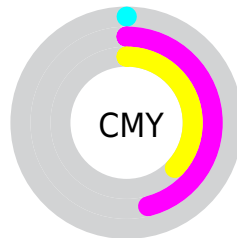


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6736, 41.9750, 38.3727 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 56.6736, 41.9750, 38.3727 by changing the saturation by 10% instead.


 56.6736, 41.9750,
38.3727


 56.6736, 41.9750,
38.3727


402.2591,
354.3793, 354.5621


 40.9824, 29.0817,
25.9680

 99.1229, 78.1618,
73.8888

 28.4929, 19.1426,
16.5742

 126.6116,
102.2241, 97.8372

 18.8399, 11.7734,
9.7726


 158.7636,
130.7782, 126.4707

 11.6580, 6.5896,
5.1448

195.9441,
164.2084, 160.2077

 6.5818, 3.2068,
2.2723

238.5186,
202.8993, 199.4668

 3.2459, 1.2406,
0.7156

286.8523,

 1.2851, 0.0945,

247.2351, 244.6666

0.0000

341.3107,
297.6003, 296.2255

■ 0.1720, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6736, 41.9750,
38.3727

■ 56.6736, 41.9750,
38.3727

■ 51.7720, 34.8333,
28.5340

■ 62.7379, 50.9590,
50.0881

■ 47.9538, 29.3996,
20.4708

■ 70.0304, 61.8948,
63.7695

■ 45.1350, 25.5315,
14.0754

■ 78.6159, 74.8906,
79.5031

■ 43.2168, 23.0605,
9.2272

■ 88.5535, 90.0449,
97.3692

■ 42.0794, 21.7783,
5.7878

95.0499, 100.0000,
108.9000

■ 41.7722, 21.4729,
4.7327

Harmonies

Analogous

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



55.8745, 41.9750, 61.8555



56.6736, 41.9750, 38.3727



52.5501, 41.9750, 23.0344

Triad

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



56.6736, 41.9750, 38.3727



30.8970, 41.9750, 20.0274



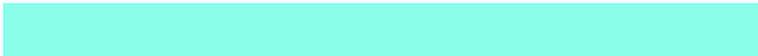
35.0273, 41.9750, 99.7310

Complementary

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



56.6736, 41.9750, 38.3727



60.9512, 82.8073, 89.8663

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.



29.4562, 41.9750, 79.8064



56.6736, 41.9750, 38.3727



27.2972, 41.9750, 32.6409

Square

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



56.6736, 41.9750, 38.3727



37.2466, 41.9750, 14.9926



26.8068, 41.9750, 53.9134



42.6681, 41.9750, 102.8235

Rectangle

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



56.6736, 41.9750, 38.3727



47.8461, 41.9750, 17.4805



26.8068, 41.9750, 53.9134



32.8792, 41.9750, 94.5316

Sweetspot

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



56.6747, 41.9771, 38.3735



80.3789, 77.5713, 82.6960



60.2889, 42.4882, 99.6311



16.7721, 15.9462, 16.9172



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.



56.6747, 41.9771, 38.3735



52.1586, 35.3911, 29.3267



60.7916, 53.0226, 31.0778



18.1489, 18.0429, 19.4010



21.8665, 11.2359, 2.6816



2.1644, 1.1081, 0.4471

Inverse Universe

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



56.6747, 41.9771, 38.3735



52.1586, 35.3911, 29.3267



54.0999, 63.7589, 104.0629



18.1489, 18.0429, 19.4010



21.8665, 11.2359, 2.6816



2.1644, 1.1081, 0.4471

Previews

White Background



This preview shows how the XYZ color 56.6736, 41.9750, 38.3727 looks on a white background.

Color Contrast Check

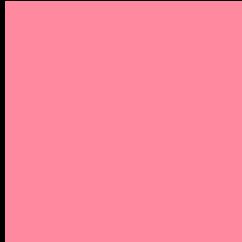
Large Text (above 18pt) WCAG AA × Fail

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 56.6736, 41.9750, 38.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

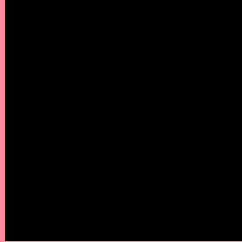
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6736, 41.9750, 38.3727

Background



This preview shows how black text looks on a background with the XYZ color 56.6736, 41.9750, 38.3727.



This preview shows how white text looks on a background with the XYZ color 56.6736, 41.9750,

38.3727.

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

56.6736, 41.9750, 38.3727

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

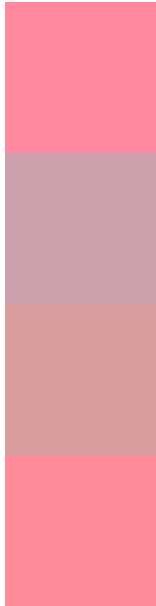
42.9450, 42.2421, 36.9004



Tritanopia

55.7562, 42.0290, 34.0279

Trichromacy



Original Color

56.6736, 41.9750, 38.3727

Protanomaly

44.9190, 40.9575, 44.5678

Deuteranomaly

47.0562, 41.4537, 37.4195

Tritanomaly

55.9384, 41.8692, 35.7051

Monochromacy



Original Color

56.6736, 41.9750, 38.3727

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

45.0779, 41.5803, 43.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6736, 41.9750, 38.3727 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, 138, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 160)  
}
```

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, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.6736, 41.9750, 38.3727 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, 138, 160) }
```


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

```
.border{ border-color:rgb(255, 138, 160) }
```

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

Here you see how a box with a 4 pixel rgb(255, 138, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6736, 41.9750, 38.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 160) }
```

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

```
.background{ background-color: rgb(255,  
138, 160) }
```

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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