

Converting Colors

XYZ(56.3414, 42.3640, 35.0143)

Have a look what the booklet for
XYZ(56.3414, 42.3640, 35.0143)
contains.

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Color

**XYZ(56.2856, 42.2832,
34.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C98
RGB	255, 140, 152
RGB Percent	100%, 55%, 60%
CMY	0.0000, 0.4510, 0.4039
CMYK	0.00, 0.45, 0.40, 0.00
HSL	354°, 100%, 77%
HSV	354°, 45%, 100%
XYZ	56.2856, 42.2832, 34.9007
YIQ	175.7530, 64.6880, 28.1120

Conversions

Conversions Part 2

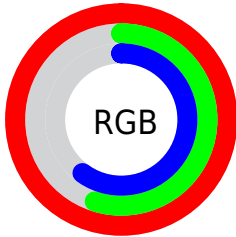
Format	Color
RYB	255, 140, 152
Decimal	16747672
CIELab	71.07, 44.59, 13.24
CIELCh	71, 46.518, 16.535
Yxy	42.2832, 0.4217, 0.3168
Android (android.graphics.Color)	4294937752 (0xFFFF8C98)
YUV	175.7530, -11.7102, 69.4996
Hunter-Lab	65.0255, 40.7135, 13.6956

Details

The XYZ color **56.2856, 42.2832, 34.9007** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7550, 83.5675, 97.6215**, and the grayscale version is **41.1749, 43.3192, 47.1746**.

A 20% lighter version of the original color is **71.8957, 64.7464, 67.1005**, and **28.2628, 19.3581, 14.5588** is the 20% darker color. If you saturate the color by 10%, you get **51.2878, 34.9987, 24.8772**, and if you desaturate by 10%, it is **62.5091, 51.4426, 47.1107**.

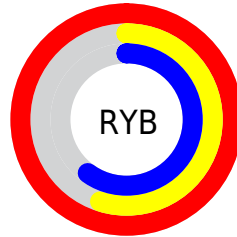
Distribution



Red (100%)

Green (55%)

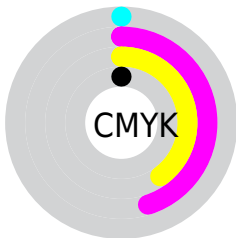
Blue (60%)



Red (100%)

Yellow (55%)

Blue (60%)

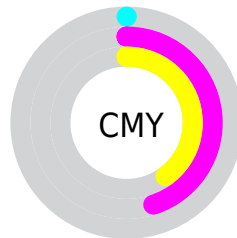


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2856, 42.2832, 34.9007 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 56.2856, 42.2832, 34.9007 by changing the saturation by 10% instead.

 56.2856, 42.2832,
34.9007


 56.2856, 42.2832,
34.9007


400.8245,
355.6556, 339.0207


 40.6699, 29.3231,
23.3035


 98.5594, 78.6281,
68.4817

 28.2477, 19.3254,
14.6103


 125.9482,
102.7816, 91.3026

 18.6539, 11.9056,
8.4028


 157.9920,
131.4351, 118.7018

 11.5230, 6.6794,
4.2623

195.0563,
164.9729, 151.0977

 6.4896, 3.2625,
1.7703

237.5063,
203.7795, 188.9091

 3.1885, 1.2702,
0.4083

285.7075,

 1.2542, 0.1180,

248.2392, 232.5543

0.0000

340.0251,
298.7364, 282.4520

■ 0.1485, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2856, 42.2832,
34.9007

■ 56.2856, 42.2832,
34.9007

■ 51.2878, 34.9987,
24.8772

■ 62.5091, 51.4426,
47.1107

■ 47.4312, 29.4533,
16.9083

■ 70.0287, 62.5873,
61.6235

■ 44.6256, 25.5034,
10.8518

■ 78.9136, 75.8271,
78.5502

■ 42.7659, 22.9797,
6.5457

■ 89.2267, 91.2616,
97.9938

■ 41.7243, 21.6740, 95.0500, 100.0000,
3.8012 108.9000

■ 41.4331, 21.3373,
2.9473

Harmonies

Analogous

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



56.5454, 42.2832, 56.7418



56.2856, 42.2832, 34.9007



51.3712, 42.2832, 21.4376

Triad

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



56.2856, 42.2832, 34.9007



30.2886, 42.2832, 22.4266



36.8085, 42.2832, 101.4682

Complementary

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



56.2856, 42.2832, 34.9007



62.7550, 83.5675, 97.6215

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.



30.7599, 42.2832, 84.6147



56.2856, 42.2832, 34.9007



27.3365, 42.2832, 36.7749

Square

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



56.2856, 42.2832, 34.9007



36.0839, 42.2832, 15.9904



27.4971, 42.2832, 59.3264



44.5941, 42.2832, 100.4663

Rectangle

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



56.2856, 42.2832, 34.9007



46.4383, 42.2832, 16.8808



27.4971, 42.2832, 59.3264



34.5269, 42.2832, 97.5187

Sweetspot

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



56.2867, 42.2853, 34.9015



79.9723, 77.4087, 80.5550



63.9045, 44.7821, 99.8833



16.6744, 15.9071, 16.4028



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.



56.2867, 42.2853, 34.9015



51.7781, 35.7093, 25.8723



63.1329, 57.4711, 32.5794



18.0864, 18.0179, 19.0719



21.6746, 11.1591, 1.6709



2.1346, 1.0962, 0.2900

Inverse Universe

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



56.2867, 42.2853, 34.9015



51.7781, 35.7093, 25.8723



52.1407, 59.3446, 103.3142



18.0864, 18.0179, 19.0719



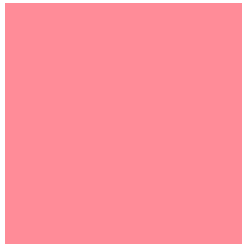
21.6746, 11.1591, 1.6709



2.1346, 1.0962, 0.2900

Previews

White Background



This preview shows how the XYZ color 56.2856, 42.2832, 34.9007 looks on a white background.

Color Contrast Check

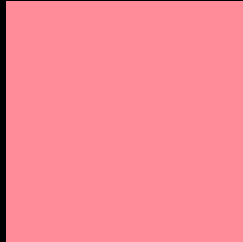
Large Text (above 18pt) WCAG AA × Fail

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 56.2856, 42.2832, 34.9007 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 56.2856, 42.2832, 34.9007

Background



This preview shows how black text looks on a background with the XYZ color 56.2856, 42.2832, 34.9007.



This preview shows how white text looks on a background with the XYZ color 56.2856, 42.2832,

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

56.2856, 42.2832, 34.9007

Protanopia

40.9822, 42.7581, 44.1234

Deuteranopia

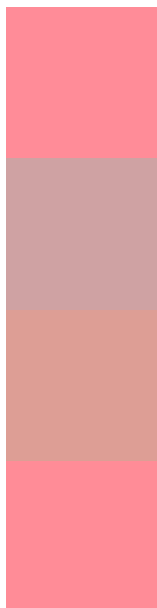
43.3565, 42.5294, 33.5276



Tritanopia

56.1231, 42.2182, 34.0451

Trichromacy



Original Color

56.2856, 42.2832, 34.9007

Protanomaly

45.2633, 41.7504, 40.3233

Deuteranomaly

47.4705, 41.9958, 34.0378

Tritanomaly

56.2040, 42.2505, 34.4710

Monochromacy



Original Color

56.2856, 42.2832, 34.9007

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.2491, 41.9635, 42.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2856, 42.2832, 34.9007 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 152) }
```

Border

The CSS property to change the border of an element to XYZ 56.2856, 42.2832, 34.9007 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, 152) }
```


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

```
.border{ border-color:rgb(255, 140, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2856, 42.2832, 34.9007 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
140, 152) }
```

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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