

Converting Colors

XYZ(110.9510, 73.4538,
39.7148)

Have a look what the booklet for
XYZ(110.9510, 73.4538, 39.7148)
contains.

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Color

**XYZ(58.6320, 46.4428,
37.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	FF999C
RGB	255, 153, 156
RGB Percent	100%, 60%, 61%
CMY	0.0000, 0.4000, 0.3882
CMYK	0.00, 0.40, 0.39, 0.00
HSL	358°, 100%, 80%
HSV	358°, 40%, 100%
XYZ	58.6320, 46.4428, 37.3266
YIQ	183.8400, 59.8290, 22.5570

Conversions

Conversions Part 2

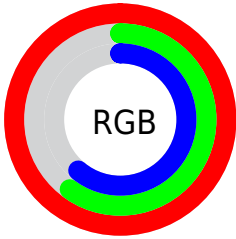
Format	Color
R _Y B	255, 153, 156
Decimal	16751004
CIE Lab	73.83, 38.43, 14.91
CIE LCh	74, 41.217, 21.204
Yxy	46.4428, 0.4117, 0.3261
Android (android.graphics.Color)	4294941084 (0xFFFF999C)
YUV	183.8400, -13.7251, 62.4073
Hunter-Lab	68.1490, 34.3119, 15.2299

Details

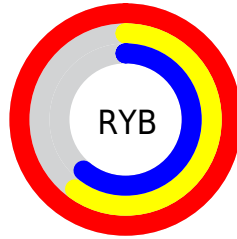
The XYZ color **58.6320, 46.4428, 37.3266** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.4698, 85.3216, 105.0657**, and the grayscale version is **45.5231, 47.8938, 52.1564**.

A 20% lighter version of the original color is **75.6733, 71.5141, 70.7879**, and **29.6127, 21.7364, 15.9994** is the 20% darker color. If you saturate the color by 10%, you get **53.0087, 38.2155, 26.1440**, and if you desaturate by 10%, it is **65.5766, 56.6290, 51.0573**.

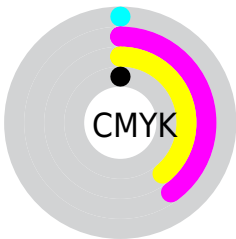
Distribution



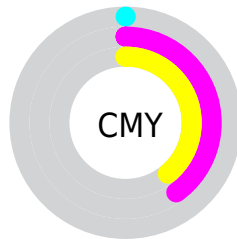
- Red (100%)
- Green (60%)
- Blue (61%)



- Red (100%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6320, 46.4428, 37.3266 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 58.6320, 46.4428, 37.3266 by changing the saturation by 10% instead.


 58.6320, 46.4428,
37.3266


 58.6320, 46.4428,
37.3266


409.4528,
372.5860, 349.9335

 42.5622, 32.5954,
25.1627

 101.9603, 84.8813,
72.2667

 29.7348, 21.8167,
15.9782

 129.9495,
110.2412, 95.8801

 19.7844, 13.7222,
9.3545


162.6426,
140.2073, 124.1469

 12.3458, 7.9277,
4.8732

200.4048,
175.1641, 157.4859

 7.0535, 4.0487,
2.1156

243.6016,
215.4960, 196.3155

 3.5422, 1.7009,
0.6250

292.5983,

 1.4466, 0.4242,

261.5874, 241.0543

0.0000

347.7602,
313.8226, 292.1208

■ 0.2890, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6320, 46.4428,
37.3266

■ 58.6320, 46.4428,
37.3266

■ 53.0087, 38.2155,
26.1440

■ 65.5766, 56.6290,
51.0573

■ 48.6196, 31.8151,
17.3503

■ 73.9149, 68.8812,
67.4768

■ 45.3729, 27.1044,
10.7725

■ 83.7186, 83.3072,
86.7185

■ 43.1625, 23.9236,
6.2131

95.0500, 100.0000,
108.9000

■ 41.8626, 22.0827,
3.4399

■ 41.2811, 21.2766,
2.1462

■ 41.2810, 21.2764,
2.1460

Harmonies

Analogous

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



59.5901, 46.4428, 56.9962



58.6320, 46.4428, 37.3266



53.5767, 46.4428, 25.1783

Triad

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



58.6320, 46.4428, 37.3266



34.0421, 46.4428, 29.2569



42.0219, 46.4428, 101.8771

Complementary

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



58.6320, 46.4428, 37.3266



66.4698, 85.3216, 105.0657

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.



35.8863, 46.4428, 89.0104



58.6320, 46.4428, 37.3266



31.6258, 46.4428, 44.6429

Square

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



58.6320, 46.4428, 37.3266



39.2376, 46.4428, 21.4960



32.2614, 46.4428, 66.6210



49.4400, 46.4428, 98.3167

Rectangle

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



58.6320, 46.4428, 37.3266



48.8419, 46.4428, 21.1695



32.2614, 46.4428, 66.6210



39.7547, 46.4428, 99.2236

Sweetspot

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



58.6332, 46.4451, 37.3275



81.6346, 80.2391, 82.6328



69.4426, 50.6257, 100.7194



17.1893, 16.7566, 17.1299



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.



58.6332, 46.4451, 37.3275



54.0305, 39.7088, 28.1814



67.7847, 65.1489, 39.1424



18.0310, 17.9957, 18.7804



21.5795, 11.1211, 1.1704



2.1084, 1.0857, 0.1522

Inverse Universe

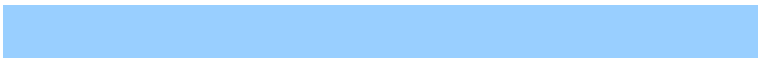
The Inverse Universe completely reimagines the original color for something new.



58.6332, 46.4451, 37.3275



54.0305, 39.7088, 28.1814



53.5988, 58.8143, 103.1350



18.0310, 17.9957, 18.7804



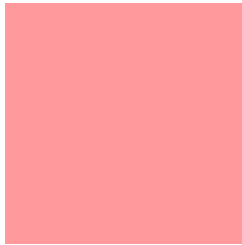
21.5795, 11.1211, 1.1704



2.1084, 1.0857, 0.1522

Previews

White Background



This preview shows how the XYZ color 58.6320, 46.4428, 37.3266 looks on a white background.

Color Contrast Check

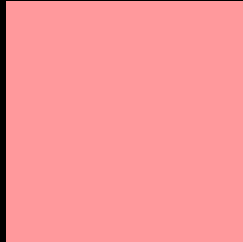
Large Text (above 18pt) WCAG AA × Fail

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 58.6320, 46.4428, 37.3266 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 58.6320, 46.4428, 37.3266

Background



This preview shows how black text looks on a background with the XYZ color 58.6320, 46.4428, 37.3266.



This preview shows how white text looks on a background with the XYZ color 58.6320, 46.4428,

37.3266.

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

58.6320, 46.4428, 37.3266

Protanopia

44.6136, 46.6794, 45.1867

Deuteranopia

47.5758, 46.6286, 36.1985



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

58.6320, 46.4428, 37.3266



Protanomaly

48.5972, 45.8760, 42.3700



Deuteranomaly

50.9325, 46.1061, 36.3519



Tritanomaly

58.8134, 46.2545, 39.0859

Monochromacy



Original Color

58.6320, 46.4428, 37.3266



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.1619, 46.6448, 46.4566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6320, 46.4428, 37.3266 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, 153, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 156)  
}
```

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, 153, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.6320, 46.4428, 37.3266 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, 153, 156) }
```


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

```
.border{ border-color:rgb(255, 153, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6320, 46.4428, 37.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 156) }
```

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

```
.background{ background-color: rgb(255,  
153, 156) }
```

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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