

Converting Colors

XYZ(86.7876, 59.3998, 30.6215)

Have a look what the booklet for
XYZ(86.7876, 59.3998, 30.6215)
contains.

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Color

**XYZ(56.0342, 43.6239,
29.1338)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9289
RGB	255, 146, 137
RGB Percent	100%, 57%, 54%
CMY	0.0000, 0.4274, 0.4627
CMYK	0.00, 0.43, 0.46, 0.00
HSL	5°, 100%, 77%
HSV	5°, 46%, 100%
XYZ	56.0342, 43.6239, 29.1338
YIQ	177.5650, 67.8530, 20.3090

Conversions

Conversions Part 2

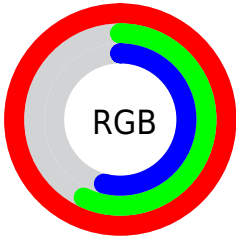
Format	Color
R _Y B	255, 147, 137
Decimal	16749193
CIE Lab	71.98, 40.04, 22.81
CIE LCh	72, 46.082, 29.663
Yxy	43.6239, 0.4351, 0.3387
Android (android.graphics.Color)	4294939273 (0xFFFF9289)
YUV	177.5650, -19.9985, 67.9105
Hunter-Lab	66.0484, 35.8513, 20.0812

Details

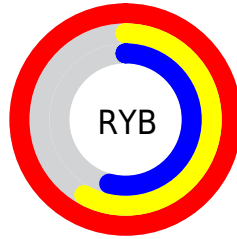
The XYZ color **56.0342, 43.6239, 29.1338** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.3204, 78.4459, 106.5171**, and the grayscale version is **42.1654, 44.3613, 48.3095**.

A 20% lighter version of the original color is **71.4209, 66.7510, 57.8351**, and **28.1403, 20.1189, 11.4170** is the 20% darker color. If you saturate the color by 10%, you get **51.1521, 36.4494, 19.5234**, and if you desaturate by 10%, it is **62.0986, 52.4715, 41.2715**.

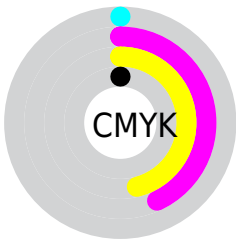
Distribution



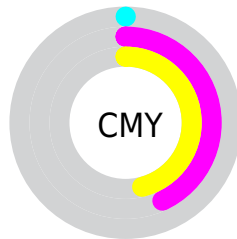
- Red (100%)
- Green (57%)
- Blue (54%)



- Red (100%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (43%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0342, 43.6239, 29.1338 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 56.0342, 43.6239, 29.1338 by changing the saturation by 10% instead.


 56.0342, 43.6239,
29.1338


 56.0342, 43.6239,
29.1338


399.8933,
361.1713, 311.9264


 40.4675, 30.3749,
18.9356


 98.1941, 80.6515,
59.3343

 28.0890, 20.1234,
11.4474


 125.5180,
105.1989, 80.1737

 18.5336, 12.4847,
6.2507


 157.4916,
134.2813, 105.3973

 11.4357, 7.0747,
2.9269

194.4803,
168.2831, 135.4236

 6.4302, 3.5089,
1.0574

236.8495,
207.5885, 170.6711

 3.1515, 1.4028,
0.0000

284.9645,

 1.2344, 0.2188,

252.5821, 211.5584

0.0000

339.1906,
303.6483, 258.5039

■ 0.1333, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0342, 43.6239,
29.1338

■ 56.0342, 43.6239,
29.1338

■ 51.1521, 36.4494,
19.5234

■ 62.0986, 52.4715,
41.2715

■ 47.3720, 30.8366,
12.2596

■ 69.4124, 63.0815,
56.0950

■ 44.6084, 26.6708,
7.1416

■ 78.0413, 75.5444,
73.7530

■ 42.7620, 23.8188,
3.9339

■ 88.0455, 89.9430,
94.3823

■ 41.7129, 22.1226,
2.3444

95.0499, 99.9999,
108.9000

■ 41.4806, 21.7415,
2.0103

Harmonies

Analogous

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



58.4904, 43.6239, 47.7538



56.0342, 43.6239, 29.1338



49.5763, 43.6239, 19.0760

Triad

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



56.0342, 43.6239, 29.1338



29.7374, 43.6239, 28.8170



41.3745, 43.6239, 105.2734

Complementary

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



56.0342, 43.6239, 29.1338



61.3204, 78.4459, 106.5171

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.



34.2874, 43.6239, 95.5161



56.0342, 43.6239, 29.1338



28.1098, 43.6239, 47.2451

Square

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



56.0342, 43.6239, 29.1338



34.4231, 43.6239, 18.9379



29.6663, 43.6239, 72.3070



49.4032, 43.6239, 95.9218

Rectangle

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



56.0342, 43.6239, 29.1338



44.2351, 43.6239, 16.3708



29.6663, 43.6239, 72.3070



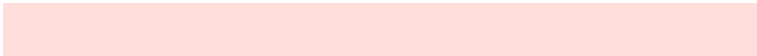
38.8096, 43.6239, 104.0848

Sweetspot

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



56.0353, 43.6261, 29.1346



80.1936, 78.6460, 78.1786



66.9947, 45.8752, 93.4272



16.7273, 16.2031, 15.8339



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.



56.0353, 43.6261, 29.1346



51.2711, 36.6249, 19.7547



67.3165, 66.1886, 32.8950



18.1207, 18.2096, 18.7041



21.7140, 11.4392, 1.0635



2.1509, 1.1873, 0.1158

Inverse Universe

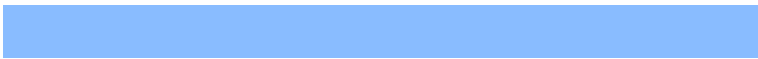
The Inverse Universe completely reimagines the original color for something new.



61.3204, 78.4459, 106.5171



57.1386, 75.4399, 106.1576



46.3785, 48.5621, 101.5364



18.4292, 20.2301, 23.1834



25.0852, 35.0799, 54.8836



2.4763, 3.4834, 5.3551

Previews

White Background



This preview shows how the XYZ color 56.0342, 43.6239, 29.1338 looks on a white background.

Color Contrast Check

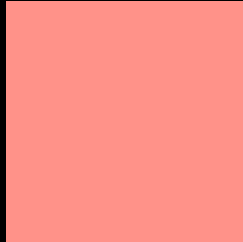
Large Text (above 18pt) WCAG AA × Fail

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 56.0342, 43.6239, 29.1338 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 56.0342, 43.6239, 29.1338

Background



This preview shows how black text looks on a background with the XYZ color 56.0342, 43.6239, 29.1338.



This preview shows how white text looks on a background with the XYZ color 56.0342, 43.6239,

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

56.0342, 43.6239, 29.1338

Protanopia

41.3609, 43.7241, 35.5378

Deuteranopia

44.6208, 43.8528, 28.3030



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

56.0342, 43.6239, 29.1338

Protanomaly

45.5074, 42.8345, 33.0635

Deuteranomaly

48.0993, 43.2185, 28.3612

Tritanomaly

56.7107, 43.6489, 33.4531

Monochromacy



Original Color

56.0342, 43.6239, 29.1338

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.7007, 43.0386, 40.5489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0342, 43.6239, 29.1338 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, 146, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 137)  
}
```

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, 146, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 137) }
```

Border

The CSS property to change the border of an element to XYZ 56.0342, 43.6239, 29.1338 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, 146, 137) }
```


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

```
.border{ border-color:rgb(255, 146, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0342, 43.6239, 29.1338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 137) }
```

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

```
.background{ background-color: rgb(255,  
146, 137) }
```

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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