

Converting Colors

XYZ(56.3947, 43.6590, 32.1012)

Have a look what the booklet for
XYZ(56.3947, 43.6590, 32.1012)
contains.

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Color

**XYZ(56.6297, 43.8621,
32.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9291
RGB	255, 146, 145
RGB Percent	100%, 57%, 57%
CMY	0.0000, 0.4274, 0.4314
CMYK	0.00, 0.43, 0.43, 0.00
HSL	1°, 100%, 78%
HSV	1°, 43%, 100%
XYZ	56.6297, 43.8621, 32.2696
YIQ	178.4770, 65.2850, 22.7970

Conversions

Conversions Part 2

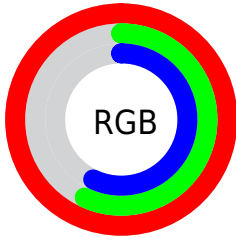
Format	Color
R _Y B	255, 146, 145
Decimal	16749201
CIE _{Lab}	72.14, 40.83, 18.61
CIE _{LCh}	72, 44.877, 24.506
Yxy	43.8621, 0.4266, 0.3304
Android (android.graphics.Color)	4294939281 (0xFFFF9291)
YUV	178.4770, -16.5042, 67.1107
Hunter-Lab	66.2285, 36.7294, 17.4711

Details

The XYZ color **56.6297, 43.8621, 32.2696** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.1670, 84.1194, 107.4095**, and the grayscale version is **42.6314, 44.8515, 48.8433**.

A 20% lighter version of the original color is **72.4354, 67.1568, 63.1776**, and **28.4856, 20.2570, 13.2351** is the 20% darker color. If you saturate the color by 10%, you get **51.4057, 36.2157, 21.8919**, and if you desaturate by 10%, it is **63.1578, 53.4107, 45.2597**.

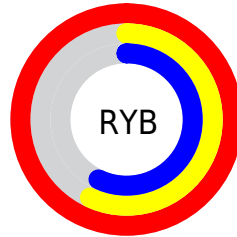
Distribution



Red (100%)

Green (57%)

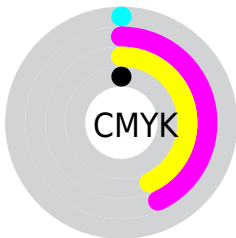
Blue (57%)



Red (100%)

Yellow (57%)

Blue (57%)

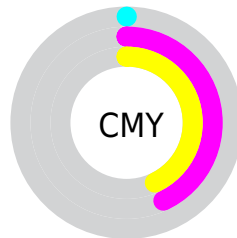


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6297, 43.8621, 32.2696 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 56.6297, 43.8621, 32.2696 by changing the saturation by 10% instead.


 56.6297, 43.8621,
32.2696


 56.6297, 43.8621,
32.2696


402.0969,
362.1452, 326.8760

 40.9470, 30.5621,
21.3010

 99.0592, 81.0102,
64.3363

 28.4652, 20.2656,
13.1508

 126.5366,
105.6271, 86.2715

 18.8188, 12.5883,
7.4005


158.6764,
134.7851, 112.6993

 11.6427, 7.1457,
3.6316

195.8438,
168.8686, 144.0382

 6.5713, 3.5534,
1.4255

238.4042,
208.2619, 180.7068

 3.2394, 1.4270,
0.1615

286.7229,

 1.2816, 0.2365,

253.3496, 223.1236

0.0000

341.1654,
304.5159, 271.7072

■ 0.1694, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6297, 43.8621,
32.2696

■ 56.6297, 43.8621,
32.2696

■ 51.4057, 36.2157,
21.8919

■ 63.1578, 53.4107,
45.2597

■ 47.3954, 30.3382,
13.9478

■ 71.0660, 64.9698,
61.0201

■ 44.5018, 26.0897,
8.2397

■ 80.4281, 78.6475,
79.6986

■ 42.6121, 23.3066,
4.5383

■ 91.3120, 94.5423,
101.4324

■ 41.5895, 21.7909,
2.5652

95.0499, 99.9999,
108.9000

■ 41.2652, 21.3106,
1.9384

Harmonies

Analogous

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



58.1931, 43.8621, 51.9248



56.6297, 43.8621, 32.2696



50.8695, 43.8621, 20.9279

Triad

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



56.6297, 43.8621, 32.2696



30.7805, 43.8621, 27.1630



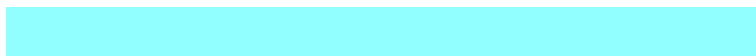
40.2911, 43.8621, 103.4709

Complementary

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



56.6297, 43.8621, 32.2696



65.1670, 84.1194, 107.4095

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.



33.6864, 43.8621, 91.1555



56.6297, 43.8621, 32.2696



28.6447, 43.8621, 43.8210

Square

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



56.6297, 43.8621, 32.2696



35.8567, 43.8621, 18.6768



29.6395, 43.8621, 67.5471



48.1231, 43.8621, 97.5316

Rectangle

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



56.6297, 43.8621, 32.2696



45.7621, 43.8621, 17.4869



29.6395, 43.8621, 67.5471



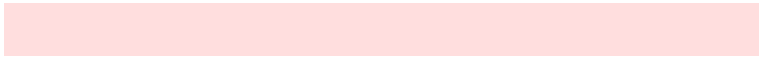
37.8662, 43.8621, 101.2381

Sweetspot

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



56.6308, 43.8643, 32.2704



80.5667, 78.8499, 79.9751



69.4154, 48.7311, 100.3550



16.7738, 16.1894, 16.1783



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.



56.6308, 43.8643, 32.2704



51.9369, 36.9935, 22.9457



67.0052, 64.6131, 35.7286



18.0227, 18.0136, 18.6714



21.5678, 11.1468, 1.0148



2.1045, 1.0943, 0.1003

Inverse Universe

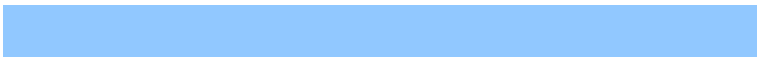
The Inverse Universe completely reimagines the original color for something new.



65.1670, 84.1194, 107.4095



61.5071, 82.1355, 107.2197



50.3816, 54.5486, 102.4811



18.5398, 20.4513, 23.2203



27.7370, 40.3836, 55.7675



2.7051, 3.9409, 5.4314

Previews

White Background



This preview shows how the XYZ color 56.6297, 43.8621, 32.2696 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 56.6297, 43.8621, 32.2696 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 56.6297, 43.8621, 32.2696

Background



This preview shows how black text looks on a background with the XYZ color 56.6297, 43.8621, 32.2696.



This preview shows how white text looks on a background with the XYZ color 56.6297, 43.8621,

32.2696.

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

56.6297, 43.8621, 32.2696

Protanopia

41.8345, 44.1727, 39.5790

Deuteranopia

44.9146, 43.9379, 31.3129



Tritanopia

57.2818, 43.8774, 36.4604

Trichromacy



Original Color

56.6297, 43.8621, 32.2696



Protanomaly

46.1310, 43.3406, 36.9446



Deuteranomaly

48.3678, 43.2900, 31.3977



Tritanomaly

56.9513, 43.7452, 34.7202

Monochromacy



Original Color

56.6297, 43.8621, 32.2696



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.9728, 43.1474, 41.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6297, 43.8621, 32.2696 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 145) }
```

Border

The CSS property to change the border of an element to XYZ 56.6297, 43.8621, 32.2696 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, 145) }
```


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

```
.border{ border-color:rgb(255, 146, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6297, 43.8621, 32.2696 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
146, 145) }
```

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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