

Converting Colors

XYZ(93.8270, 71.4969, 41.5304)

Have a look what the booklet for
XYZ(93.8270, 71.4969, 41.5304)
contains.

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Color

**XYZ(63.6181, 56.0034,
40.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB39F
RGB	255, 179, 159
RGB Percent	100%, 70%, 62%
CMY	0.0000, 0.2980, 0.3765
CMYK	0.00, 0.30, 0.38, 0.00
HSL	13°, 100%, 81%
HSV	13°, 38%, 100%
XYZ	63.6181, 56.0034, 40.2576
YIQ	199.4440, 51.7160, 9.8920

Conversions

Conversions Part 2

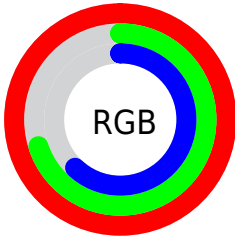
Format	Color
R_{YB}	255, 184, 159
Decimal	16757663
CIE _{Lab}	79.62, 25.23, 21.31
CIE _{LCh}	80, 33.028, 40.178
Yxy	56.0034, 0.3979, 0.3503
Android (android.graphics.Color)	4294947743 (0xFFFFB39F)
YUV	199.4440, -19.9389, 48.7226
Hunter-Lab	74.8354, 20.7821, 20.4898

Details

The XYZ color **63.6181, 56.0034, 40.2576** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0552, 74.0048, 105.6214**, and the grayscale version is **54.6556, 57.5019, 62.6196**.

A 20% lighter version of the original color is **83.0859, 85.5317, 75.7485**, and **32.8796, 27.7190, 17.5273** is the 20% darker color. If you saturate the color by 10%, you get **57.8757, 47.7019, 28.5294**, and if you desaturate by 10%, it is **70.4122, 65.6773, 54.5894**.

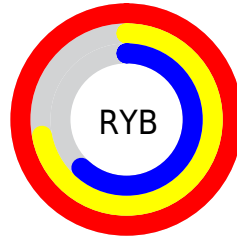
Distribution



Red (100%)

Green (70%)

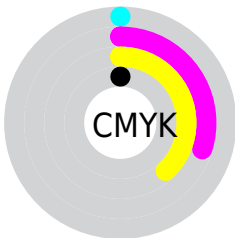
Blue (62%)



Red (100%)

Yellow (72%)

Blue (62%)

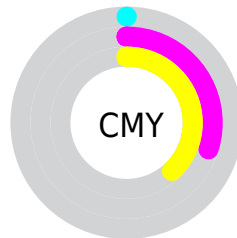


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6181, 56.0034, 40.2576 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 63.6181, 56.0034, 40.2576 by changing the saturation by 10% instead.

 63.6181, 56.0034,
40.2576


 63.6181, 56.0034,
40.2576


427.4333,
409.7043, 362.7924

 46.6020, 40.2057,
27.4241


 109.1376, 99.0095,
76.7970

 32.9277, 27.6989,
17.6568


 138.3716,
126.9867, 101.3400

 22.2300, 18.0988,
10.5370

172.4090,
159.7925, 130.6233

 14.1436, 11.0210,
5.6462

211.6150,
197.8113, 165.0653

 8.3030, 6.0809,
2.5659

256.3551,
241.4275, 205.0848

 4.3428, 2.8944,
0.8748

306.9947,

 1.8979, 1.0768,

291.0255, 251.1000

0.0000

363.8989,
346.9896, 303.5298

■ 0.5756, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6181, 56.0034,
40.2576

■ 63.6181, 56.0034,
40.2576

■ 57.8757, 47.7019,
28.5294

■ 70.4122, 65.6773,
54.5894

■ 53.1266, 40.7023,
19.2440

■ 78.3035, 76.7741,
71.6656

■ 49.3135, 34.9396,
12.2280

■ 87.3401, 89.3514,
91.6209

■ 46.3708, 30.3400,
7.2833

95.0500, 100.0000,
108.9000

■ 44.2238, 26.8212,
4.1774

■ 42.7804, 24.2882,
2.6057

■ 42.5195, 23.8189,
2.3565

Harmonies

Analogous

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



66.8450, 56.0034, 54.7287



63.6181, 56.0034, 40.2576



57.6881, 56.0034, 32.5897

Triad

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



63.6181, 56.0034, 40.2576



42.0754, 56.0034, 49.3752



55.5230, 56.0034, 104.6326

Complementary

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



63.6181, 56.0034, 40.2576



62.0552, 74.0048, 105.6214

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.



49.0068, 56.0034, 102.3633



63.6181, 56.0034, 40.2576



41.6012, 56.0034, 67.6862

Square

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



63.6181, 56.0034, 40.2576



45.3929, 56.0034, 37.0434



44.0384, 56.0034, 87.8113



61.9200, 56.0034, 93.4858

Rectangle

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



63.6181, 56.0034, 40.2576



53.1899, 56.0034, 31.1805



44.0384, 56.0034, 87.8113



53.2692, 56.0034, 105.4611

Sweetspot

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



63.6195, 56.0061, 40.2587



84.1792, 84.9653, 84.6001



68.7497, 52.1013, 85.6379



17.7523, 17.8169, 17.5206



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.



63.6195, 56.0061, 40.2587



59.2967, 49.7701, 31.3890



74.7490, 78.2650, 43.9685



18.3160, 18.6002, 18.7692



22.3027, 12.6166, 1.2598



2.2457, 1.3768, 0.1474

Inverse Universe

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



62.0552, 74.0048, 105.6214



57.5077, 70.0179, 105.0916



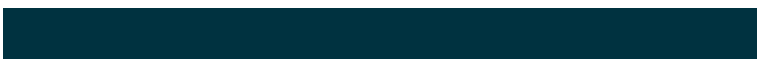
50.2891, 50.4726, 101.6994



18.2146, 19.8008, 23.1119



20.5619, 26.0333, 53.3758



2.0789, 2.6885, 5.2226

Previews

White Background



This preview shows how the XYZ color 63.6181, 56.0034, 40.2576 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 63.6181, 56.0034, 40.2576 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 63.6181, 56.0034, 40.2576

Background



This preview shows how black text looks on a background with the XYZ color 63.6181, 56.0034, 40.2576.



This preview shows how white text looks on a background with the XYZ color 63.6181, 56.0034,

40.2576.

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

63.6181, 56.0034, 40.2576

Protanopia

53.0466, 56.1696, 45.0917

Deuteranopia

57.4543, 56.2502, 39.7275



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

63.6181, 56.0034, 40.2576

Protanomaly

56.2563, 55.5511, 43.3547

Deuteranomaly

59.6656, 56.1117, 40.0337

Tritanomaly

64.9980, 55.9186, 49.4871

Monochromacy



Original Color

63.6181, 56.0034, 40.2576

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.7148, 56.2200, 53.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6181, 56.0034, 40.2576 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, 179, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 159)  
}
```

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, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 159) }
```

Border

The CSS property to change the border of an element to XYZ 63.6181, 56.0034, 40.2576 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, 179, 159) }
```


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

```
.border{ border-color:rgb(255, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6181, 56.0034, 40.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 159) }
```

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

```
.background{ background-color: rgb(255,  
179, 159) }
```

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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