

Converting Colors

XYZ(101.6045, 75.6984,
42.6243)

Have a look what the booklet for
XYZ(101.6045, 75.6984, 42.6243)
contains.

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Color

**XYZ(63.7053, 56.0383,
40.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A0
RGB	255, 179, 160
RGB Percent	100%, 70%, 63%
CMY	0.0000, 0.2980, 0.3725
CMYK	0.00, 0.30, 0.37, 0.00
HSL	12°, 100%, 81%
HSV	12°, 37%, 100%
XYZ	63.7053, 56.0383, 40.7165
YIQ	199.5580, 51.3950, 10.2030

Conversions

Conversions Part 2

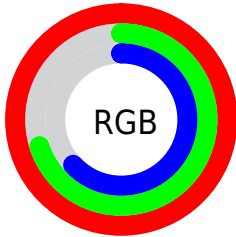
Format	Color
R _Y B	255, 184, 160
Decimal	16757664
CIE Lab	79.64, 25.35, 20.80
CIE LCh	80, 32.790, 39.369
Yxy	56.0383, 0.3970, 0.3492
Android (android.graphics.Color)	4294947744 (0xFFFFB3A0)
YUV	199.5580, -19.5021, 48.6226
Hunter-Lab	74.8587, 20.9020, 20.1526

Details

The XYZ color **63.7053, 56.0383, 40.7165** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5414, 74.6816, 105.7264**, and the grayscale version is **54.7232, 57.5730, 62.6970**.

A 20% lighter version of the original color is **83.2141, 85.5830, 76.4233**, and **32.9326, 27.7402, 17.8060** is the 20% darker color. If you saturate the color by 10%, you get **57.9090, 47.6570, 28.8846**, and if you desaturate by 10%, it is **70.5668, 65.8175, 55.1617**.

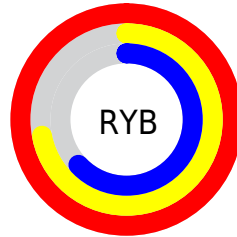
Distribution



Red (100%)

Green (70%)

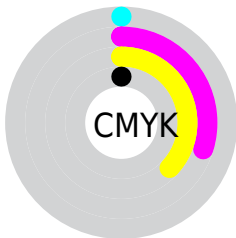
Blue (63%)



Red (100%)

Yellow (72%)

Blue (63%)

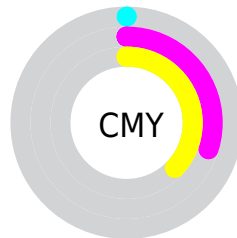


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7053, 56.0383, 40.7165 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 63.7053, 56.0383, 40.7165 by changing the saturation by 10% instead.


 63.7053, 56.0383,
40.7165


 63.7053, 56.0383,
40.7165


427.7438,
409.8358, 364.7758

 46.6728, 40.2336,
27.7796


 109.2625, 99.0606,
77.5023

 32.9839, 27.7208,
17.9220


 138.5180,
127.0470, 102.1883

 22.2733, 18.1153,
10.7251

172.5784,
159.8627, 131.6278

 14.1756, 11.0328,
5.7705

211.8093,
197.8922, 166.2393

 8.3254, 6.0889,
2.6395

256.5759,
241.5199, 206.4413

 4.3574, 2.8992,
0.9127

307.2436,

 1.9063, 1.0793,

291.1301, 252.6523

0.0000

364.1778,
347.1073, 305.2910

■ 0.5805, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7053, 56.0383,
40.7165

■ 63.7053, 56.0383,
40.7165

■ 57.9090, 47.6570,
28.8846

■ 70.5668, 65.8175,
55.1617

■ 53.1190, 40.6013,
19.5055

■ 78.5397, 77.0466,
72.3609

■ 49.2770, 34.8047,
12.4063

■ 87.6729, 89.7846,
92.4486

■ 46.3167, 30.1914,
7.3895

95.0500, 100.0000,
108.9000

■ 44.1624, 26.6768,
4.2240

■ 42.7226, 24.1637,
2.6134

■ 42.4245, 23.6290,
2.3248

Harmonies

Analogous

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



66.8134, 56.0383, 55.2800



63.7053, 56.0383, 40.7165



57.8678, 56.0383, 32.8962

Triad

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



63.7053, 56.0383, 40.7165



42.2311, 56.0383, 49.0681



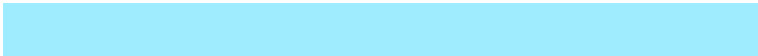
55.3588, 56.0383, 104.4395

Complementary

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



63.7053, 56.0383, 40.7165



62.5414, 74.6816, 105.7264

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.



48.9087, 56.0383, 101.8163



63.7053, 56.0383, 40.7165



41.6805, 56.0383, 67.1360

Square

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



63.7053, 56.0383, 40.7165



45.6004, 56.0383, 36.9799



44.0286, 56.0383, 87.1410



61.7386, 56.0383, 93.7049

Rectangle

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



63.7053, 56.0383, 40.7165



53.4028, 56.0383, 31.3754



44.0286, 56.0383, 87.1410



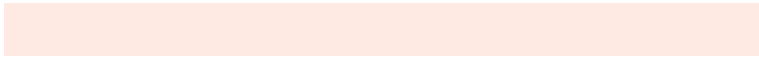
53.1229, 56.0383, 105.1327

Sweetspot

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



63.7067, 56.0410, 40.7176



84.1132, 84.8332, 84.5781



68.9514, 52.4582, 85.8484



17.7367, 17.7856, 17.5154



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.



63.7067, 56.0410, 40.7176



59.1260, 49.4287, 31.3321



74.9179, 78.4634, 44.4547



18.3036, 18.5754, 18.7650



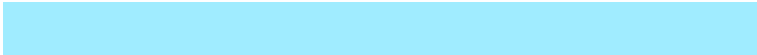
22.2503, 12.5118, 1.2423



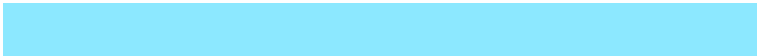
2.2389, 1.3632, 0.1451

Inverse Universe

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



62.5414, 74.6816, 105.7264



57.7762, 70.5548, 105.1810



50.6379, 50.8746, 101.7586



18.2280, 19.8277, 23.1164



20.8209, 26.5514, 53.4621



2.1020, 2.7347, 5.2303

Previews

White Background



This preview shows how the XYZ color 63.7053, 56.0383, 40.7165 looks on a white background.

Color Contrast Check

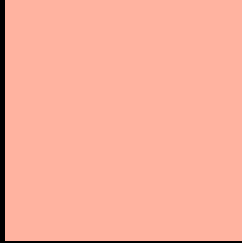
Large Text (above 18pt) WCAG AA × Fail

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 63.7053, 56.0383, 40.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

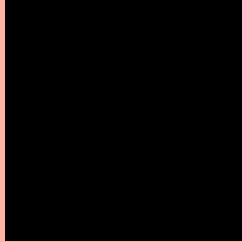
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7053, 56.0383, 40.7165

Background



This preview shows how black text looks on a background with the XYZ color 63.7053, 56.0383, 40.7165.



This preview shows how white text looks on a background with the XYZ color 63.7053, 56.0383,

40.7165.

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

63.7053, 56.0383, 40.7165

Protanopia

53.1401, 56.2070, 45.5844

Deuteranopia

57.2181, 56.1185, 40.1640



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

63.7053, 56.0383, 40.7165

Protanomaly

56.3477, 55.5876, 43.8360

Deuteranomaly

59.4135, 55.9717, 40.4731

Tritanomaly

64.9980, 55.9186, 49.4871

Monochromacy



Original Color

63.7053, 56.0383, 40.7165

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1218, 56.4177, 53.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7053, 56.0383, 40.7165 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 63.7053, 56.0383, 40.7165 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, 160) }
```


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

```
.border{ border-color:rgb(255, 179, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7053, 56.0383, 40.7165 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
179, 160) }
```

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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