

Converting Colors

XYZ(63.7813, 56.0992, 41.0232)

Have a look what the booklet for
XYZ(63.7813, 56.0992, 41.0232)
contains.

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Color

**XYZ(63.7931, 56.0734,
41.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A1
RGB	255, 179, 161
RGB Percent	100%, 70%, 63%
CMY	0.0000, 0.2980, 0.3686
CMYK	0.00, 0.30, 0.37, 0.00
HSL	11°, 100%, 82%
HSV	11°, 37%, 100%
XYZ	63.7931, 56.0734, 41.1792
YIQ	199.6720, 51.0740, 10.5140

Conversions

Conversions Part 2

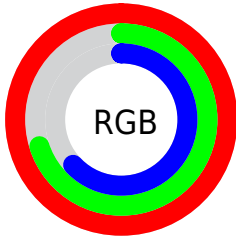
Format	Color
R _Y B	255, 183, 161
Decimal	16757665
CIE Lab	79.66, 25.46, 20.29
CIE LCh	80, 32.559, 38.548
Yxy	56.0734, 0.3961, 0.3482
Android (android.graphics.Color)	4294947745 (0xFFFFB3A1)
YUV	199.6720, -19.0653, 48.5227
Hunter-Lab	74.8822, 21.0227, 19.8128

Details

The XYZ color **63.7931, 56.0734, 41.1792** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0309, 75.3625, 105.8320**, and the grayscale version is **54.7908, 57.6441, 62.7745**.

A 20% lighter version of the original color is **83.3430, 85.6345, 77.1022**, and **32.9861, 27.7616, 18.0880** is the 20% darker color. If you saturate the color by 10%, you get **57.9422, 47.6108, 29.2431**, and if you desaturate by 10%, it is **70.7232, 65.9603, 55.7384**.

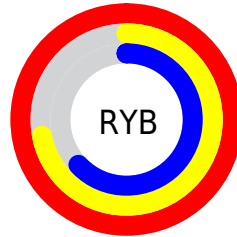
Distribution



Red (100%)

Green (70%)

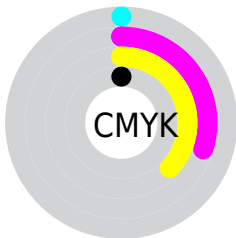
Blue (63%)



Red (100%)

Yellow (72%)

Blue (63%)

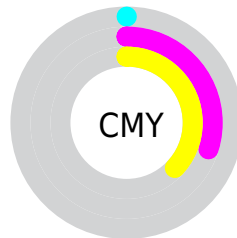


Cyan (0%)

Magenta (30%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7931, 56.0734, 41.1792 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 63.7931, 56.0734, 41.1792 by changing the saturation by 10% instead.


 63.7931, 56.0734,
41.1792


 63.7931, 56.0734,
41.1792


428.0562,
409.9681, 366.7678

 46.7442, 40.2618,
28.1384


 109.3883, 99.1119,
78.2125

 33.0406, 27.7427,
18.1900


 138.6653,
127.1075, 103.0420

 22.3169, 18.1318,
10.9157

172.7490,
159.9333, 132.6382

 14.2078, 11.0447,
5.8967

212.0049,
197.9736, 167.4196

 8.3480, 6.0969,
2.7146

256.7981,
241.6129, 207.8047

 4.3721, 2.9041,
0.9508

307.4942,

 1.9147, 1.0819,

291.2354, 254.2121

0.0000

364.4584,
347.2257, 307.0603

■ 0.5854, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7931, 56.0734,
41.1792

■ 63.7931, 56.0734,
41.1792

■ 57.9422, 47.6108,
29.2431

■ 70.7232, 65.9603,
55.7384

■ 53.1108, 40.4984,
19.7700

■ 78.7794, 77.3248,
73.0613

■ 49.2399, 34.6679,
12.5872

■ 88.0113, 90.2275,
93.2823

■ 46.2622, 30.0412,
7.4981

95.0500, 100.0000,
108.9000

■ 44.1011, 26.5317,
4.2727

■ 42.6649, 24.0398,
2.6212

■ 42.3318, 23.4436,
2.2939

Harmonies

Analogous

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



66.7822, 56.0734, 55.8359



63.7931, 56.0734, 41.1792



58.0483, 56.0734, 33.2046

Triad

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



63.7931, 56.0734, 41.1792



42.3873, 56.0734, 48.7618



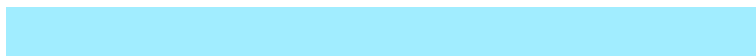
55.1949, 56.0734, 104.2478

Complementary

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



63.7931, 56.0734, 41.1792



63.0309, 75.3625, 105.8320

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.



48.8106, 56.0734, 101.2718



63.7931, 56.0734, 41.1792



41.7600, 56.0734, 66.5884

Square

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



63.7931, 56.0734, 41.1792



45.8088, 56.0734, 36.9159



44.0188, 56.0734, 86.4740



61.5578, 56.0734, 93.9257

Rectangle

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



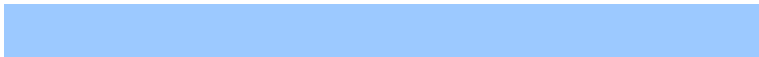
63.7931, 56.0734, 41.1792



53.6167, 56.0734, 31.5709



44.0188, 56.0734, 86.4740



52.9768, 56.0734, 104.8060

Sweetspot

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



63.7946, 56.0761, 41.1803



84.0458, 84.6985, 84.5556



69.3835, 52.9096, 87.2651



17.7208, 17.7537, 17.5101



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.



63.7946, 56.0761, 41.1803



59.5105, 49.8925, 32.4009



74.6616, 77.8101, 44.8026



18.2909, 18.5500, 18.7608



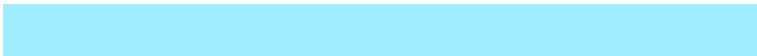
22.1990, 12.4092, 1.2252



2.2322, 1.3497, 0.1429

Inverse Universe

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



63.0309, 75.3625, 105.8320



58.6261, 71.6079, 105.3395



51.3284, 51.9575, 101.9312



18.2418, 19.8552, 23.1209



21.0891, 27.0879, 53.5515



2.1258, 2.7823, 5.2383

Previews

White Background



This preview shows how the XYZ color 63.7931, 56.0734, 41.1792 looks on a white background.

Color Contrast Check

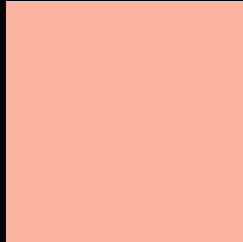
Large Text (above 18pt) WCAG AA × Fail

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 63.7931, 56.0734, 41.1792 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 63.7931, 56.0734, 41.1792

Background



This preview shows how black text looks on a background with the XYZ color 63.7931, 56.0734, 41.1792.

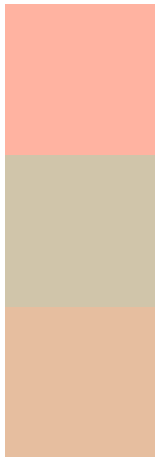


This preview shows how white text looks on a background with the XYZ color 63.7931, 56.0734,

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

63.7931, 56.0734, 41.1792

Protanopia

53.2344, 56.2447, 46.0808

Deuteranopia

57.3046, 56.1531, 40.6192



Tritanopia

65.9506, 55.9848, 55.4743

Trichromacy



Original Color

63.7931, 56.0734, 41.1792

Protanomaly

56.4398, 55.6245, 44.3211

Deuteranomaly

59.5007, 56.0066, 40.9320

Tritanomaly

65.0988, 55.9590, 50.0179

Monochromacy



Original Color

63.7931, 56.0734, 41.1792

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.2278, 56.4601, 54.3360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7931, 56.0734, 41.1792 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.7931, 56.0734, 41.1792 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, 161) }
```


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

```
.border{ border-color:rgb(255, 179, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7931, 56.0734, 41.1792 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
179, 161) }
```

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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