

Converting Colors

XYZ(63.4420, 56.3981, 41.4772)

Have a look what the booklet for
XYZ(63.4420, 56.3981, 41.4772)
contains.

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Color

**XYZ(63.4649, 56.5036,
41.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB5A1
RGB	253, 181, 161
RGB Percent	99%, 71%, 63%
CMY	0.0078, 0.2902, 0.3686
CMYK	0.00, 0.28, 0.36, 0.01
HSL	13°, 96%, 81%
HSV	13°, 36%, 99%
XYZ	63.4649, 56.5036, 41.2795
YIQ	200.2480, 49.3320, 9.0440

Conversions

Conversions Part 2

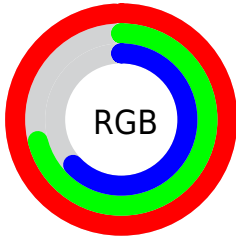
Format	Color
R _Y B	253, 187, 161
Decimal	16627105
CIE Lab	79.90, 23.66, 20.59
CIE LCh	80, 31.367, 41.035
Yxy	56.5036, 0.3936, 0.3504
Android (android.graphics.Color)	4294817185 (0xFFFD B5A1)
YUV	200.2480, -19.3493, 46.2635
Hunter-Lab	75.1689, 19.1616, 20.0587

Details

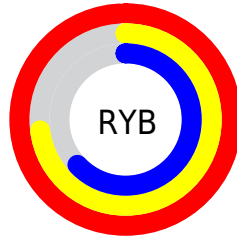
The XYZ color **63.4649, 56.5036, 41.2795** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.5653, 72.9440, 103.7633**, and the grayscale version is **55.1481, 58.0201, 63.1838**.

A 20% lighter version of the original color is **83.9189, 86.7862, 77.2942**, and **32.7276, 28.0118, 18.1499** is the 20% darker color. If you saturate the color by 10%, you get **57.7120, 48.2142, 29.4460**, and if you desaturate by 10%, it is **70.2442, 66.1231, 55.6833**.

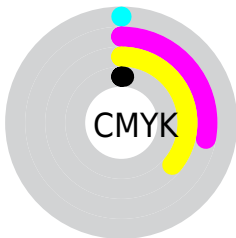
Distribution



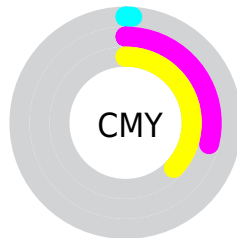
- Red (99%)
- Green (71%)
- Blue (63%)



- Red (99%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4649, 56.5036, 41.2795 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 63.4649, 56.5036, 41.2795 by changing the saturation by 10% instead.


 63.4649, 56.5036,
41.2795


 63.4649, 56.5036,
41.2795


426.8876,
411.5866, 367.1986

 46.4775, 40.6068,
28.2162


 108.9180, 99.7405,
78.3663

 32.8290, 28.0120,
18.2482


 138.1144,
127.8494, 103.2268

 22.1541, 18.3347,
10.9571


172.1111,
160.7979, 132.8569

 14.0874, 11.1906,
5.9242

211.2736,
198.9702, 167.6750

 8.2636, 6.1952,
2.7310

255.9671,
242.7509, 208.0997

 4.3173, 2.9641,
0.9590

306.5570,

 1.8832, 1.1130,

292.5243, 254.5495

0.0000

363.4088,
348.6747, 307.4429

■ 0.5670, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4649, 56.5036,
41.2795

■ 63.4649, 56.5036,
41.2795

■ 57.7120, 48.2142,
29.4460

■ 70.2442, 66.1231,
55.6833

■ 52.9298, 41.1880,
20.0271

■ 78.0933, 77.1198,
72.7937

■ 49.0636, 35.3639,
12.8554

■ 87.0582, 89.5485,
92.7414

■ 46.0513, 30.6727,
7.7407

94.3180, 99.6226,
108.8657

■ 43.8224, 27.0378,
4.4607

■ 42.2928, 24.3715,
2.7393

■ 41.8749, 23.6164,
2.3514

Harmonies

Analogous

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



66.6207, 56.5036, 55.0611



63.4649, 56.5036, 41.2795



57.7770, 56.5036, 33.9951

Triad

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



63.4649, 56.5036, 41.2795



42.9527, 56.5036, 50.8310



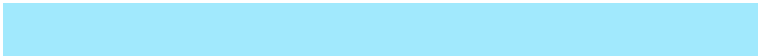
56.0793, 56.5036, 102.6854

Complementary

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



63.4649, 56.5036, 41.2795



61.5653, 72.9440, 103.7633

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.



49.8290, 56.5036, 100.9322



63.4649, 56.5036, 41.2795



42.5768, 56.5036, 68.4713

Square

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



63.4649, 56.5036, 41.2795



46.0716, 56.5036, 38.7108



45.0008, 56.5036, 87.4922



62.1381, 56.5036, 91.8935

Rectangle

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



63.4649, 56.5036, 41.2795



53.4844, 56.5036, 32.7350



45.0008, 56.5036, 87.4922



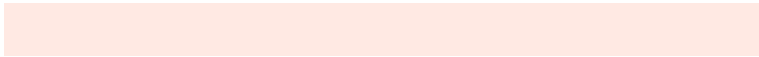
53.9262, 56.5036, 103.5910

Sweetspot

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



63.4664, 56.5063, 41.2806



84.2512, 85.1091, 84.6241



67.9707, 52.2599, 83.6457



17.7694, 17.8509, 17.5263



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.



63.4664, 56.5063, 41.2806



60.0378, 50.9471, 32.5767



74.3921, 78.3578, 44.9225



18.3295, 18.6273, 18.7737



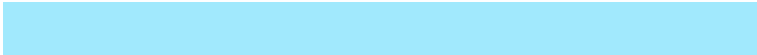
22.3622, 12.7356, 1.2796



2.2533, 1.3920, 0.1499

Inverse Universe

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



61.5653, 72.9440, 103.7633



57.8078, 69.9711, 105.0667



50.2125, 50.2384, 99.9790



18.2000, 19.7716, 23.1070



20.2841, 25.4778, 53.2832



2.0541, 2.6389, 5.2144

Previews

White Background



This preview shows how the XYZ color 63.4649, 56.5036, 41.2795 looks on a white background.

Color Contrast Check

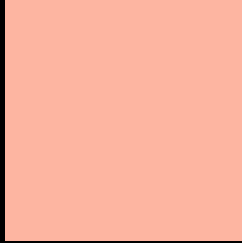
Large Text (above 18pt) WCAG AA × Fail

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 63.4649, 56.5036, 41.2795 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 63.4649, 56.5036, 41.2795

Background



This preview shows how black text looks on a background with the XYZ color 63.4649, 56.5036, 41.2795.



This preview shows how white text looks on a background with the XYZ color 63.4649, 56.5036,

41.2795.

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

63.4649, 56.5036, 41.2795

Protanopia

53.6500, 56.8080, 45.6735

Deuteranopia

57.8438, 56.7537, 40.7068



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

63.4649, 56.5036, 41.2795

Protanomaly

56.7839, 56.4600, 43.9814

Deuteranomaly

59.7121, 56.4294, 41.0025

Tritanomaly

64.9301, 56.1663, 50.0668

Monochromacy



Original Color

63.4649, 56.5036, 41.2795

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.1463, 56.7452, 54.3954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4649, 56.5036, 41.2795 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(253, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 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(253, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.4649, 56.5036, 41.2795 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(253, 181, 161) }
```


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

```
.border{ border-color:rgb(253, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 161);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4649, 56.5036, 41.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 161) }
```

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

```
.background{ background-color: rgb(253,  
181, 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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