

Converting Colors

XYZ(56.4720, 55.7632, 41.0459)

Have a look what the booklet for
XYZ(56.4720, 55.7632, 41.0459)
contains.

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Color

**XYZ(56.4372, 55.6959,
41.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BEA0
RGB	227, 190, 160
RGB Percent	89%, 75%, 63%
CMY	0.1098, 0.2549, 0.3725
CMYK	0.00, 0.16, 0.30, 0.11
HSL	27°, 54%, 76%
HSV	27°, 30%, 89%
XYZ	56.4372, 55.6959, 41.0335
YIQ	197.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

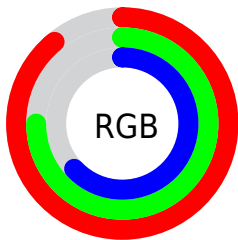
Format	Color
R _Y B	227, 214, 160
Decimal	14925472
CIE Lab	79.44, 8.87, 20.09
CIE LCh	79, 21.962, 66.170
Yxy	55.6959, 0.3685, 0.3636
Android (android.graphics.Color)	4293115552 (0xFFE3BEA0)
YUV	197.6430, -18.5580, 25.7461
Hunter-Lab	74.6297, 4.3851, 19.6415

Details

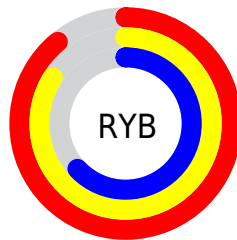
The XYZ color **56.4372, 55.6959, 41.0335** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3280, 52.9505, 80.3466**, and the grayscale version is **53.5566, 56.3457, 61.3605**.

A 20% lighter version of the original color is **86.4615, 92.0778, 77.5058**, and **28.4470, 27.6320, 18.0215** is the 20% darker color. If you saturate the color by 10%, you get **52.0311, 49.7766, 30.6460**, and if you desaturate by 10%, it is **61.4423, 62.2323, 53.4107**.

Distribution



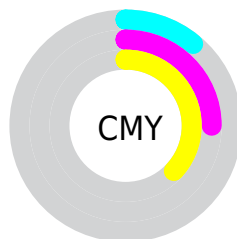
- Red (89%)
- Green (75%)
- Blue (63%)



- Red (89%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4372, 55.6959, 41.0335 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 56.4372, 55.6959, 41.0335 by changing the saturation by 10% instead.


 56.4372, 55.6959,
41.0335


 56.4372, 55.6959,
41.0335


401.3854,
408.5445, 366.1414

 40.7919, 39.9592,
28.0254


 98.7796, 98.5598,
77.9890

 28.3435, 27.5067,
18.1056


 126.2075,
126.4558, 102.7734

 18.7265, 17.9541,
10.8556

158.2936,
159.1736, 132.3203

 11.5757, 10.9171,
5.8569

195.4034,
197.0977, 167.0483

 6.5256, 6.0111,
2.6909

237.9020,
240.6124, 207.3758

 3.2109, 2.8518,
0.9388

286.1550,

 1.2662, 1.0549,

290.1022, 253.7215

0.0000

340.5277,
345.9514, 306.5038

■ 0.1577, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4372, 55.6959,
41.0335

■ 56.4372, 55.6959,
41.0335

■ 52.0311, 49.7766,
30.6460

■ 61.4423, 62.2323,
53.4107

■ 48.1941, 44.4473,
22.1387

■ 67.0660, 69.3968,
67.8723

■ 44.8999, 39.6895,
15.3970

■ 73.3322, 77.2096,
84.5107

■ 42.1180, 35.4810,
10.2917

■ 80.2621, 85.6877,
103.4120

■ 39.8144, 31.7975,
6.6760

■ 84.7520, 93.5976,
108.2070

■ 37.9495, 28.6121,
4.3759

■ 85.4887, 95.0709,
108.4525

■ 36.4623, 25.8885,
3.1068

■ 36.3965, 25.7666,
3.0551

Harmonies

Analogous

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



60.0808, 55.6959, 47.4122



56.4372, 55.6959, 41.0335



52.0313, 55.6959, 39.5643

Triad

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



56.4372, 55.6959, 41.0335



44.9475, 55.6959, 63.2905



58.1003, 55.6959, 82.4328

Complementary

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



56.4372, 55.6959, 41.0335



48.3280, 52.9505, 80.3466

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.



53.8537, 55.6959, 88.1290



56.4372, 55.6959, 41.0335



46.3837, 55.6959, 76.1320

Square

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



56.4372, 55.6959, 41.0335



45.5543, 55.6959, 51.3525



49.5851, 55.6959, 85.6766



61.0777, 55.6959, 70.9923

Rectangle

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



56.4372, 55.6959, 41.0335



49.2854, 55.6959, 41.3572



49.5851, 55.6959, 85.6766



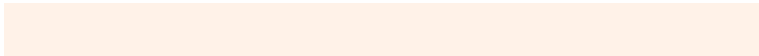
56.7652, 55.6959, 85.1502

Sweetspot

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



56.4387, 55.6985, 41.0346



87.6624, 90.7886, 89.2848



54.4390, 45.5488, 59.3290



18.5217, 19.1278, 18.4792



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.



56.4387, 55.6985, 41.0346



70.1037, 68.0115, 45.3889



64.2872, 71.3956, 43.6508



14.9057, 15.4254, 15.0962



21.3392, 15.2525, 1.8193



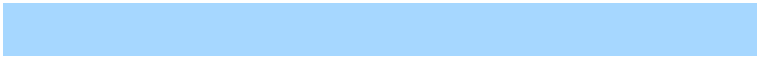
1.6685, 1.3102, 0.1650

Inverse Universe

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



48.3280, 52.9505, 80.3466



58.0318, 63.9166, 103.8863



41.7221, 39.7386, 78.1446



14.2393, 15.2000, 18.3277



12.5066, 12.0754, 44.0548



1.0166, 1.0772, 3.2863

Previews

White Background



This preview shows how the XYZ color 56.4372, 55.6959, 41.0335 looks on a white background.

Color Contrast Check

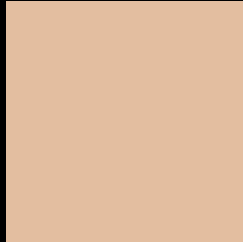
Large Text (above 18pt) WCAG AA × Fail

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 56.4372, 55.6959, 41.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

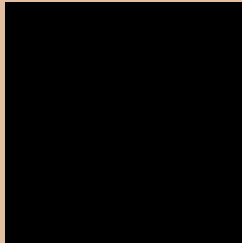
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4372, 55.6959, 41.0335

Background



This preview shows how black text looks on a background with the XYZ color 56.4372, 55.6959, 41.0335.



This preview shows how white text looks on a background with the XYZ color 56.4372, 55.6959,

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

56.4372, 55.6959, 41.0335

Protanopia

52.5895, 55.9867, 42.6851

Deuteranopia

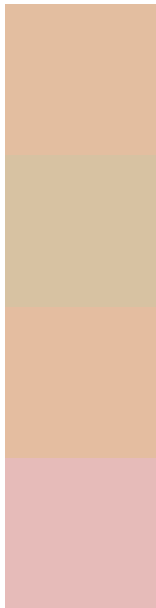
56.8559, 55.5913, 40.9913



Tritanopia

60.6128, 55.8104, 61.6107

Trichromacy



Original Color

56.4372, 55.6959, 41.0335

Protanomaly

53.8377, 55.6393, 42.0843

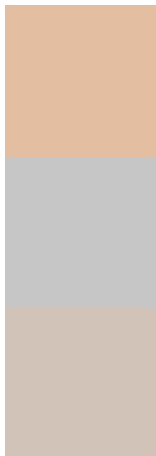
Deuteranomaly

56.5377, 55.4272, 40.9764

Tritanomaly

59.1604, 55.8664, 53.5641

Monochromacy



Original Color

56.4372, 55.6959, 41.0335

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4613, 56.0462, 53.2950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4372, 55.6959, 41.0335 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(227, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 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(227, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.4372, 55.6959, 41.0335 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(227, 190, 160) }
```


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

```
.border{ border-color:rgb(227, 190, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4372, 55.6959, 41.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 160) }
```

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

```
.background{ background-color: rgb(227,  
190, 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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