

Converting Colors

XYZ(55.9975, 55.6219, 42.8125)

Have a look what the booklet for
XYZ(55.9975, 55.6219, 42.8125)
contains.

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Color

**XYZ(56.0721, 55.7892,
42.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BFA4
RGB	224, 191, 164
RGB Percent	88%, 75%, 64%
CMY	0.1216, 0.2510, 0.3569
CMYK	0.00, 0.15, 0.27, 0.12
HSL	27°, 49%, 76%
HSV	27°, 27%, 88%
XYZ	56.0721, 55.7892, 42.9350
YIQ	197.7890, 28.3350, -1.4010

Conversions

Conversions Part 2

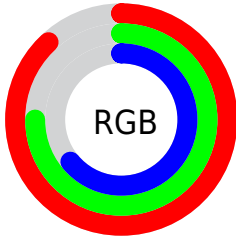
Format	Color
R _Y B	224, 213, 164
Decimal	14729124
CIE Lab	79.49, 7.74, 17.98
CIE LCh	79, 19.577, 66.725
Yxy	55.7892, 0.3622, 0.3604
Android (android.graphics.Color)	4292919204 (0xFFE0BFA4)
YUV	197.7890, -16.6580, 22.9870
Hunter-Lab	74.6922, 3.2903, 18.2031

Details

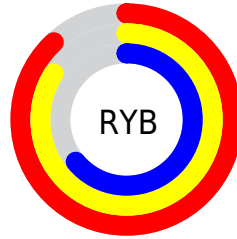
The XYZ color **56.0721, 55.7892, 42.9350** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7302, 53.2054, 78.2226**, and the grayscale version is **53.6355, 56.4287, 61.4508**.

A 20% lighter version of the original color is **87.2869, 92.8960, 80.3480**, and **28.1616, 27.6716, 19.1861** is the 20% darker color. If you saturate the color by 10%, you get **51.6507, 49.9033, 32.3446**, and if you desaturate by 10%, it is **61.0788, 62.2746, 55.4795**.

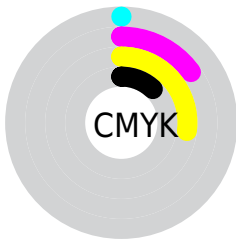
Distribution



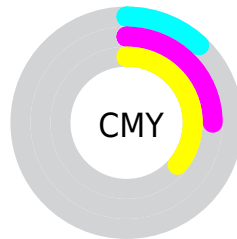
- Red (88%)
- Green (75%)
- Blue (64%)



- Red (88%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0721, 55.7892, 42.9350 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 56.0721, 55.7892, 42.9350 by changing the saturation by 10% instead.


 56.0721, 55.7892,
42.9350


 56.0721, 55.7892,
42.9350


400.0338,
408.8966, 374.2577

 40.4980, 40.0339,
29.5031


 98.2492, 98.6963,
80.8981

 28.1129, 27.5650,
19.2129


 125.5828,
126.6169, 106.2663

 18.5517, 17.9980,
11.6458


157.5671,
159.3615, 136.4504

 11.4489, 10.9486,
6.3834

194.5672,
197.3143, 171.8689

 6.4391, 6.0323,
3.0071

236.9485,
240.8598, 212.9404

 3.1571, 2.8647,
1.0982

285.0765,

 1.2374, 1.0615,

290.3825, 260.0833

0.0000

339.3165,
346.2666, 313.7162

■ 0.1356, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0721, 55.7892,
42.9350

■ 56.0721, 55.7892,
42.9350

■ 51.6507, 49.9033,
32.3446

■ 61.0788, 62.2746,
55.4795

■ 47.7858, 44.5909,
23.6046

■ 66.6889, 69.3696,
70.0676

■ 44.4529, 39.8346,
16.6067

■ 72.9254, 77.0933,
86.7876

■ 41.6234, 35.6136,
11.2300

■ 79.8085, 85.4621,
105.7213

■ 39.2653, 31.9051,
7.3378

■ 83.7888, 93.0638,
108.1547

■ 37.3423, 28.6839,
4.7702

■ 84.5506, 94.5874,
108.4086

■ 35.8090, 25.9210,
3.3227

■ 35.3765, 25.1192,
2.9839

Harmonies

Analogous

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



59.3243, 55.7892, 48.6872



56.0721, 55.7892, 42.9350



52.1448, 55.7892, 41.6668

Triad

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



56.0721, 55.7892, 42.9350



45.8614, 55.7892, 63.3180



57.6801, 55.7892, 79.8201

Complementary

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



56.0721, 55.7892, 42.9350



48.7302, 53.2054, 78.2226

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.



53.9170, 55.7892, 84.9053



56.0721, 55.7892, 42.9350



47.1900, 55.7892, 74.6453

Square

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



56.0721, 55.7892, 42.9350



46.3750, 55.7892, 52.5789



50.0922, 55.7892, 82.9032



60.2843, 55.7892, 69.7155

Rectangle

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



56.0721, 55.7892, 42.9350



49.6957, 55.7892, 43.3740



50.0922, 55.7892, 82.9032



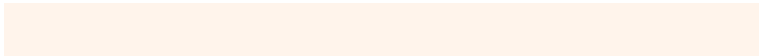
56.5018, 55.7892, 82.2266

Sweetspot

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



56.0736, 55.7918, 42.9362



88.4626, 91.8050, 91.3523



54.0945, 46.4301, 58.9347



18.6826, 19.3333, 18.8914



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.



56.0736, 55.7918, 42.9362



71.8994, 70.4482, 49.5467



63.2981, 70.2409, 45.3443



14.2127, 14.7113, 14.3973



20.7030, 14.8438, 1.7740



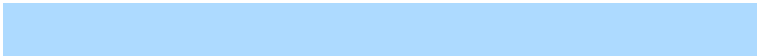
1.5235, 1.2058, 0.1524

Inverse Universe

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



48.7302, 53.2054, 78.2226



60.5146, 66.4349, 104.2415



42.5837, 40.9125, 76.1738



13.5737, 14.4866, 17.4685



12.0840, 11.6376, 42.6577



0.9267, 0.9848, 2.9865

Previews

White Background



This preview shows how the XYZ color 56.0721, 55.7892, 42.9350 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 56.0721, 55.7892, 42.9350 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 56.0721, 55.7892, 42.9350

Background



This preview shows how black text looks on a background with the XYZ color 56.0721, 55.7892, 42.9350.



This preview shows how white text looks on a background with the XYZ color 56.0721, 55.7892,

42.9350.

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

56.0721, 55.7892, 42.9350

Protanopia

52.9537, 56.1324, 44.6029

Deuteranopia

57.1092, 56.0012, 42.9213



Tritanopia

59.9791, 55.7819, 62.2493

Trichromacy



Original Color

56.0721, 55.7892, 42.9350

Protanomaly

54.1296, 56.0795, 44.0479

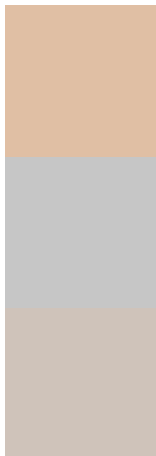
Deuteranomaly

56.7928, 55.8381, 42.9065

Tritanomaly

58.6314, 55.8852, 54.7104

Monochromacy



Original Color

56.0721, 55.7892, 42.9350

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.1102, 55.8408, 54.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0721, 55.7892, 42.9350 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(224, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(224, 191, 164)  
}
```

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(224, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 164) }
```

Border

The CSS property to change the border of an element to XYZ 56.0721, 55.7892, 42.9350 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(224, 191, 164) }
```


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

```
.border{ border-color:rgb(224, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0721, 55.7892, 42.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 164) }
```

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

```
.background{ background-color: rgb(224,  
191, 164) }
```

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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