

Converting Colors

XYZ(56.0990, 49.9264, 42.9002)

Have a look what the booklet for
XYZ(56.0990, 49.9264, 42.9002)
contains.

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Color

**XYZ(56.2275, 50.0911,
42.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACA6
RGB	236, 172, 166
RGB Percent	93%, 67%, 65%
CMY	0.0745, 0.3255, 0.3490
CMYK	0.00, 0.27, 0.30, 0.07
HSL	5°, 65%, 79%
HSV	5°, 30%, 93%
XYZ	56.2275, 50.0911, 42.7814
YIQ	190.4520, 40.0700, 11.7020

Conversions

Conversions Part 2

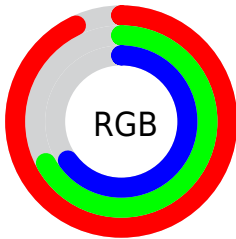
Format	Color
R_{YB}	236, 173, 166
Decimal	15510694
CIE _{Lab}	76.13, 22.64, 12.35
CIE _{LCh}	76, 25.792, 28.612
Yxy	50.0911, 0.3771, 0.3360
Android (android.graphics.Color)	4293700774 (0xFFECACA6)
YUV	190.4520, -12.0548, 39.9456
Hunter-Lab	70.7751, 17.9536, 13.7035

Details

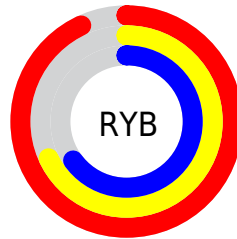
The XYZ color **56.2275, 50.0911, 42.7814** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.1620, 70.7543, 89.8957**, and the grayscale version is **49.2566, 51.8217, 56.4339**.

A 20% lighter version of the original color is **82.0345, 81.9673, 79.9042**, and **28.2245, 23.9923, 19.0630** is the 20% darker color. If you saturate the color by 10%, you get **50.4800, 41.7483, 31.1471**, and if you desaturate by 10%, it is **63.0416, 59.9307, 56.7321**.

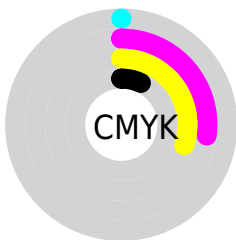
Distribution



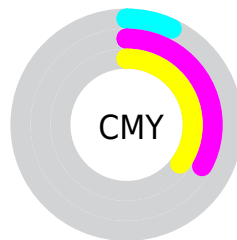
- Red (93%)
- Green (67%)
- Blue (65%)



- Red (93%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2275, 50.0911, 42.7814 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 56.2275, 50.0911, 42.7814 by changing the saturation by 10% instead.


 56.2275, 50.0911,
42.7814


 56.2275, 50.0911,
42.7814


400.6094,
387.0221, 373.6068

 40.6231, 35.4858,
29.3835

 98.4750, 90.3098,
80.6637

 28.2110, 24.0373,
19.1231


 125.8488,
116.6921, 105.9852

 18.6261, 15.3613,
11.5815


157.8764,
147.7687, 136.1183

 11.5028, 9.0734,
6.3403

194.9232,
183.9242, 171.4815

 6.4759, 4.7891,
2.9810

237.3546,
225.5428, 212.4934

 3.1799, 2.1240,
1.0849

285.5358,

 1.2496, 0.6781,

273.0091, 259.5726

0.0000

339.8323,
326.7074, 313.1375

■ 0.1450, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2275, 50.0911,
42.7814

■ 56.2275, 50.0911,
42.7814

■ 50.4800, 41.7483,
31.1471

■ 63.0416, 59.9307,
56.7321

■ 45.7411, 34.8224,
21.7008

■ 70.9684, 71.3281,
73.1121

■ 41.9537, 29.2366,
14.3065

■ 80.0559, 84.3493,
92.0303

■ 39.0530, 24.9040,
8.8115

■ 88.4021, 96.5729,
108.5889

■ 36.9663, 21.7276,
5.0419

■ 35.6089, 19.5960,
2.7918

■ 34.8643, 18.3702,
1.7312

■ 34.8466, 18.3419,
1.7037

Harmonies

Analogous

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



57.4997, 50.0911, 55.1870



56.2275, 50.0911, 42.7814



52.6072, 50.0911, 34.8587

Triad

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



56.2275, 50.0911, 42.7814



40.1217, 50.0911, 41.8400



47.3857, 50.0911, 85.6467

Complementary

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



56.2275, 50.0911, 42.7814



59.1620, 70.7543, 89.8957

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.



42.9399, 50.0911, 80.5105



56.2275, 50.0911, 42.7814



38.9249, 50.0911, 53.8994

Square

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



56.2275, 50.0911, 42.7814



43.3043, 50.0911, 34.3832



39.9214, 50.0911, 68.2786



52.1922, 50.0911, 81.3480

Rectangle

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



56.2275, 50.0911, 42.7814



49.4655, 50.0911, 32.4210



39.9214, 50.0911, 68.2786



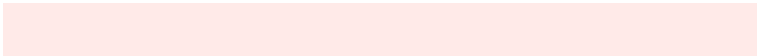
45.8016, 50.0911, 84.9524

Sweetspot

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



56.2288, 50.0935, 42.7824



85.2408, 85.9454, 88.4776



62.5349, 50.8283, 81.5007



17.9286, 17.9417, 18.2815



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.



56.2288, 50.0935, 42.7824



62.4459, 53.0657, 41.6958



63.7478, 65.1313, 45.2887



15.1693, 15.2617, 15.6650



19.2462, 10.1867, 0.9518



1.5471, 0.8716, 0.0867

Inverse Universe

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



59.1620, 70.7543, 89.8957



66.4942, 81.6256, 106.8585



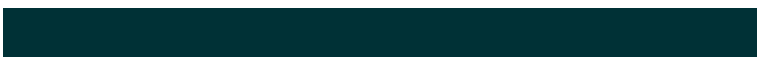
50.4191, 53.2685, 86.9815



15.4007, 16.8879, 19.3702



21.8945, 30.4360, 48.4637



1.7518, 2.4551, 3.8164

Previews

White Background



This preview shows how the XYZ color 56.2275, 50.0911, 42.7814 looks on a white background.

Color Contrast Check

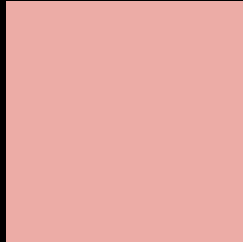
Large Text (above 18pt) WCAG AA × Fail

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 56.2275, 50.0911, 42.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

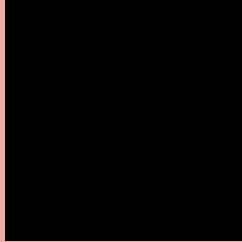
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2275, 50.0911, 42.7814

Background



This preview shows how black text looks on a background with the XYZ color 56.2275, 50.0911, 42.7814.



This preview shows how white text looks on a background with the XYZ color 56.2275, 50.0911,

42.7814.

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

56.2275, 50.0911, 42.7814

Protanopia

47.9160, 50.1987, 47.2083

Deuteranopia

51.2490, 50.1752, 42.1056



Tritanopia

57.8914, 49.9305, 50.8423

Trichromacy



Original Color

56.2275, 50.0911, 42.7814

Protanomaly

50.6570, 50.0978, 45.5280

Deuteranomaly

53.1434, 50.2454, 42.4947

Tritanomaly

57.1363, 49.8886, 47.6923

Monochromacy



Original Color

56.2275, 50.0911, 42.7814

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.0061, 50.4686, 50.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2275, 50.0911, 42.7814 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(236, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 166)  
}
```

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(236, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 56.2275, 50.0911, 42.7814 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(236, 172, 166) }
```


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

```
.border{ border-color:rgb(236, 172, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2275, 50.0911, 42.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 166) }
```

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

```
.background{ background-color: rgb(236,  
172, 166) }
```

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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