

Converting Colors

XYZ(56.9729, 52.2196, 42.6739)

Have a look what the booklet for
XYZ(56.9729, 52.2196, 42.6739)
contains.

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Color

**XYZ(56.9729, 52.2196,
42.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB2A5
RGB	235, 178, 165
RGB Percent	92%, 70%, 65%
CMY	0.0784, 0.3019, 0.3529
CMYK	0.00, 0.24, 0.30, 0.08
HSL	11°, 64%, 78%
HSV	11°, 30%, 92%
XYZ	56.9729, 52.2196, 42.6739
YIQ	193.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

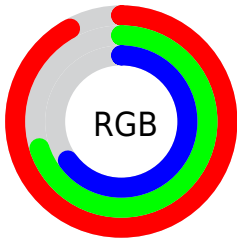
Format	Color
RYB	235, 181, 165
Decimal	15446693
CIELab	77.41, 18.94, 14.69
CIELCh	77, 23.972, 37.799
Yxy	52.2196, 0.3752, 0.3439
Android (android.graphics.Color)	4293636773 (0xFFEBB2A5)
YUV	193.5610, -14.0806, 36.3420
Hunter-Lab	72.2631, 14.2705, 15.5714

Details

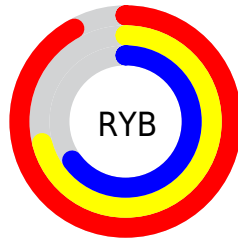
The XYZ color **56.9729, 52.2196, 42.6739** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6329, 66.2379, 88.3978**, and the grayscale version is **51.0847, 53.7451, 58.5284**.

A 20% lighter version of the original color is **83.5811, 85.2729, 79.7643**, and **28.6743, 25.3245, 18.9996** is the 20% darker color. If you saturate the color by 10%, you get **51.4823, 44.3525, 31.2428**, and if you desaturate by 10%, it is **63.3904, 61.3109, 56.3540**.

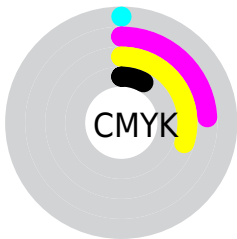
Distribution



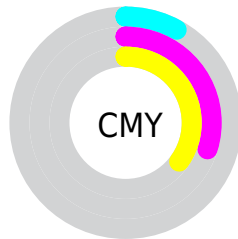
- Red (92%)
- Green (70%)
- Blue (65%)



- Red (92%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9729, 52.2196, 42.6739 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 56.9729, 52.2196, 42.6739 by changing the saturation by 10% instead.


 56.9729, 52.2196,
42.6739


 56.9729, 52.2196,
42.6739


403.3636,
395.2838, 373.1507

 41.2235, 37.1801,
29.2998

 99.5572, 93.4550,
80.4996

 28.6822, 25.3470,
19.0602


 127.1229,
120.4198, 105.7883

 18.9836, 16.3358,
11.5366


159.3581,
152.1284, 135.8857

 11.7624, 9.7621,
6.3103

196.6281,
188.9654, 171.2102

 6.6531, 5.2415,
2.9628

239.2983,
231.3150, 212.1804

 3.2905, 2.3896,
1.0757

287.7340,

 1.3092, 0.8206,

279.5616, 259.2149

0.0000

342.3007,
334.0898, 312.7321

■ 0.1901, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9729, 52.2196,
42.6739

■ 56.9729, 52.2196,
42.6739

■ 51.4823, 44.3525,
31.2428

■ 63.3904, 61.3109,
56.3540

■ 46.8709, 37.6499,
21.9367

■ 70.7711, 71.6681,
72.3916

■ 43.0933, 32.0580,
14.6245

■ 79.1544, 83.3402,
90.8920

■ 40.0978, 27.5160,
9.1592

■ 87.9252, 96.1106,
108.5248

■ 37.8269, 23.9568,
5.3731

■ 88.0710, 96.4022,
108.5734

■ 36.2146, 21.3055,
3.0679

■ 35.1670, 19.4697,
1.9189

■ 35.1491, 19.4383,
1.8994

Harmonies

Analogous

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



58.9447, 52.2196, 53.4823



56.9729, 52.2196, 42.6739



53.0589, 52.2196, 36.4420

Triad

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



56.9729, 52.2196, 42.6739



41.8694, 52.2196, 47.7940



50.8458, 52.2196, 85.9045

Complementary

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



56.9729, 52.2196, 42.6739



56.6329, 66.2379, 88.3978

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.



46.3581, 52.2196, 83.7535



56.9729, 52.2196, 42.6739



41.3579, 52.2196, 60.3734

Square

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



56.9729, 52.2196, 42.6739



44.3957, 52.2196, 39.0635



42.9525, 52.2196, 73.8817



55.2672, 52.2196, 79.3721

Rectangle

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



56.9729, 52.2196, 42.6739



49.9745, 52.2196, 35.0742



42.9525, 52.2196, 73.8817



49.2934, 52.2196, 86.1894

Sweetspot

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



56.9743, 52.2220, 42.6750



85.8985, 87.2608, 88.6968



60.9237, 49.8559, 75.6369



18.0892, 18.2629, 18.3350



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.



56.9743, 52.2220, 42.6750



64.2416, 56.6570, 42.2944



64.8052, 67.8839, 45.2853



15.2919, 15.5067, 15.7058



19.6295, 10.9532, 1.0796



1.6053, 0.9878, 0.1061

Inverse Universe

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



56.6329, 66.2379, 88.3978



63.7538, 76.1448, 105.9450



48.3187, 49.6095, 85.6264



15.2660, 16.6183, 19.3253



18.8438, 24.3347, 47.4469



1.5412, 2.0339, 3.7462

Previews

White Background



This preview shows how the XYZ color 56.9729, 52.2196, 42.6739 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 56.9729, 52.2196, 42.6739 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 56.9729, 52.2196, 42.6739

Background



This preview shows how black text looks on a background with the XYZ color 56.9729, 52.2196, 42.6739.



This preview shows how white text looks on a background with the XYZ color 56.9729, 52.2196,

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

56.9729, 52.2196, 42.6739

Protanopia

49.8966, 52.5195, 46.5372

Deuteranopia

53.3565, 52.1770, 42.3809



Tritanopia

59.3321, 52.2953, 54.5438

Trichromacy



Original Color

56.9729, 52.2196, 42.6739

Protanomaly

52.1609, 52.1285, 44.8488

Deuteranomaly

54.4801, 52.1438, 42.3153

Tritanomaly

58.3556, 52.1788, 50.1759

Monochromacy



Original Color

56.9729, 52.2196, 42.6739

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8250, 52.9406, 52.2341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9729, 52.2196, 42.6739 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(235, 178, 165)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 165)  
}
```

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(235, 178, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 165) }
```

Border

The CSS property to change the border of an element to XYZ 56.9729, 52.2196, 42.6739 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(235, 178, 165) }
```


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

```
.border{ border-color:rgb(235, 178, 165) }
```

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

Here you see how a box with a 4 pixel rgb(235, 178, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 165);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9729, 52.2196, 42.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 165) }
```

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

```
.background{ background-color: rgb(235,  
178, 165) }
```

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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