

Converting Colors

XYZ(56.5903, 72.4860, 41.5208)

Have a look what the booklet for
XYZ(56.5903, 72.4860, 41.5208)
contains.

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Color

**XYZ(56.7763, 72.6969,
41.6113)**

Conversions

Conversions Part 1

Format	Color
Hex	BEEB9A
RGB	190, 235, 154
RGB Percent	75%, 92%, 60%
CMY	0.2549, 0.0784, 0.3961
CMYK	0.19, 0.00, 0.34, 0.08
HSL	93°, 67%, 76%
HSV	93°, 34%, 92%
XYZ	56.7763, 72.6969, 41.6113
YIQ	212.3110, -0.8190, -34.7310

Conversions

Conversions Part 2

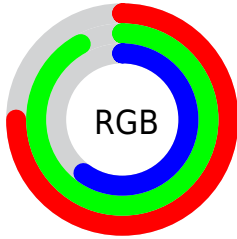
Format	Color
RYB	154, 235, 199
Decimal	12512154
CIELab	88.30, -28.49, 34.69
CIELCh	88, 44.892, 129.389
Yxy	72.6969, 0.3319, 0.4249
Android (android.graphics.Color)	4290702234 (0xFFBEEB9A)
YUV	212.3110, -28.7473, -19.5667
Hunter-Lab	85.2625, -30.3462, 30.7480

Details

The XYZ color **56.7763, 72.6969, 41.6113** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.1071, 41.2535, 83.9230**, and the grayscale version is **62.9737, 66.2532, 72.1497**.

A 20% lighter version of the original color is **85.6264, 95.8976, 74.3187**, and **28.5100, 38.3504, 18.4701** is the 20% darker color. If you saturate the color by 10%, you get **51.8916, 70.3854, 32.1469**, and if you desaturate by 10%, it is **62.3401, 75.3186, 53.1105**.

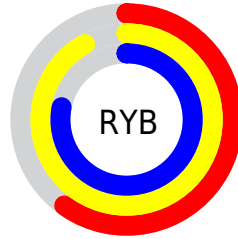
Distribution



Red (75%)

Green (92%)

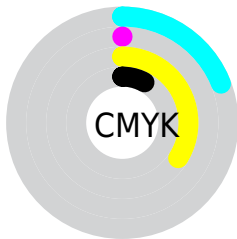
Blue (60%)



Red (60%)

Yellow (92%)

Blue (78%)

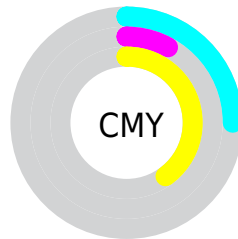


Cyan (19%)

Magenta (0%)

Yellow (34%)

Black (8%)



Cyan (25%)


Magenta (8%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7763, 72.6969, 41.6113 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 56.7763, 72.6969, 41.6113 by changing the saturation by 10% instead.

 56.7763, 72.6969,
41.6113


 56.7763, 72.6969,
41.6113


402.6383,
469.9636, 368.6211

 41.0651, 53.7282,
28.4738


 99.2720, 123.0468,
78.8747

 28.5579, 38.3844,
18.4409


 126.7871,
155.1968, 103.8377

 18.8892, 26.2811,
11.0943


158.9677,
192.5093, 133.5796

 11.6938, 17.0341,
6.0153

196.1789,
235.3687, 168.5188

 6.6062, 10.2588,
2.7855

238.7862,
284.1595, 209.0741

 3.2612, 5.5709,
0.9862

287.1550,

 1.2934, 2.5860,

339.2660, 255.6639

0.0000

341.6506,
401.0726, 308.7067

■ 0.1782, 0.9196,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7763, 72.6969,
41.6113

■ 56.7763, 72.6969,
41.6113

■ 51.8916, 70.3854,
32.1469

■ 62.3401, 75.3186,
53.1105

■ 47.6503, 68.3617,
24.5940

■ 68.6055, 78.2532,
66.7489

■ 44.0217, 66.6151,
18.8232

■ 75.6005, 81.5150,
82.6293

■ 40.9693, 65.1299,
14.6870

■ 83.3499, 85.1148,
100.8463

■ 38.4522, 63.8888,
12.0145

■ 88.9998, 87.8996,
106.8833

■ 36.4214, 62.8712,
10.5965

■ 35.4698, 62.3890,
10.1728

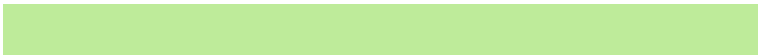
Harmonies

Analogous

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



65.7744, 72.6969, 33.8919



56.7763, 72.6969, 41.6113



51.4772, 72.6969, 60.0671

Triad

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



56.7763, 72.6969, 41.6113



62.0630, 72.6969, 148.6117



91.5950, 72.6969, 69.8730

Complementary

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



56.7763, 72.6969, 41.6113



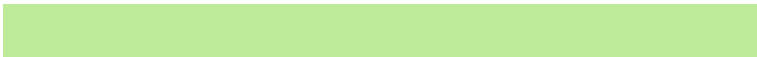
50.1071, 41.2535, 83.9230

Split Complementary

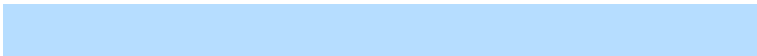
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3366, 72.6969, 101.9095



56.7763, 72.6969, 41.6113



72.5280, 72.6969, 153.2249

Square

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



56.7763, 72.6969, 41.6113



54.3022, 72.6969, 123.0445



83.0807, 72.6969, 134.3754



86.3593, 72.6969, 47.1822

Rectangle

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



56.7763, 72.6969, 41.6113



50.3970, 72.6969, 78.5237



83.0807, 72.6969, 134.3754



91.9285, 72.6969, 79.7888

Sweetspot

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



56.7781, 72.7001, 41.6129



86.1912, 95.8764, 88.4585



60.4165, 60.6381, 39.0929



18.1976, 20.4044, 18.3670



0.0000, 0.0000, 0.0000



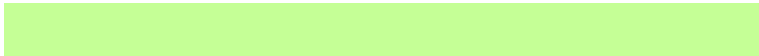
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7781, 72.7001, 41.6129



64.3045, 85.5951, 42.1768



49.2128, 68.7603, 43.0497



15.5038, 17.1897, 16.0195



19.8813, 34.7937, 5.6680



1.6702, 2.7884, 0.4502

Inverse Universe

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



50.1071, 41.2535, 83.9230



55.1920, 42.6645, 99.9339



60.2361, 46.5420, 81.3768



15.0316, 14.9615, 19.0179



13.6666, 6.0813, 44.1965



1.1835, 0.5344, 3.4757

Previews

White Background



This preview shows how the XYZ color 56.7763, 72.6969, 41.6113 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 56.7763, 72.6969, 41.6113 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 56.7763, 72.6969, 41.6113

Background



This preview shows how black text looks on a background with the XYZ color 56.7763, 72.6969, 41.6113.



This preview shows how white text looks on a background with the XYZ color 56.7763, 72.6969,

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

56.7763, 72.6969, 41.6113

Protanopia

67.1369, 72.3763, 38.4485

Deuteranopia

72.5771, 71.8656, 49.5814



Tritanopia

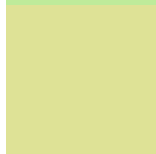
67.3113, 72.4186, 94.4349

Trichromacy



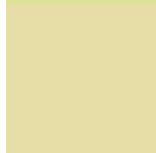
Original Color

56.7763, 72.6969, 41.6113



Protanomaly

62.8256, 72.1243, 39.4643



Deuteranomaly

65.6944, 71.4550, 46.4061



Tritanomaly

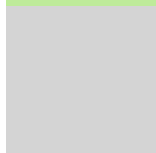
62.6650, 72.1457, 71.5955

Monochromacy



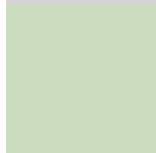
Original Color

56.7763, 72.6969, 41.6113



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.8990, 67.7854, 59.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7763, 72.6969, 41.6113 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(190, 235, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 235, 154)  
}
```

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(190, 235, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 235, 154) }
```

Border

The CSS property to change the border of an element to XYZ 56.7763, 72.6969, 41.6113 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(190, 235, 154) }
```


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

```
.border{ border-color:rgb(190, 235, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 235, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 235, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 235, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 235,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7763, 72.6969, 41.6113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 235, 154) }
```

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

```
.background{ background-color: rgb(190,  
235, 154) }
```

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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