

Converting Colors

XYZ(53.2477, 70.7148, 29.5818)

Have a look what the booklet for
XYZ(53.2477, 70.7148, 29.5818)
contains.

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Color

**XYZ(53.2477, 70.7148,
29.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEA7B
RGB	186, 234, 123
RGB Percent	73%, 92%, 48%
CMY	0.2706, 0.0823, 0.5176
CMYK	0.21, 0.00, 0.47, 0.08
HSL	86°, 73%, 70%
HSV	86°, 47%, 92%
XYZ	53.2477, 70.7148, 29.5818
YIQ	206.9940, 7.0230, -44.6970

Conversions

Conversions Part 2

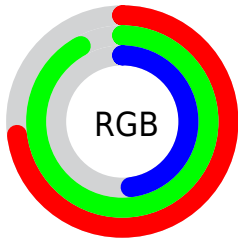
Format	Color
RYB	123, 234, 171
Decimal	12249723
CIELab	87.35, -33.27, 48.65
CIELCh	87, 58.940, 124.371
Yxy	70.7148, 0.3468, 0.4605
Android (android.graphics.Color)	4290439803 (0xFFBAEA7B)
YUV	206.9940, -41.4090, -18.4117
Hunter-Lab	84.0921, -34.1337, 38.0075

Details

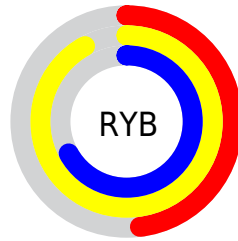
The XYZ color **53.2477, 70.7148, 29.5818** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.7318, 28.7664, 81.3569**, and the grayscale version is **59.5612, 62.6630, 68.2400**.

A 20% lighter version of the original color is **81.0040, 93.9274, 55.4554**, and **26.2636, 37.0415, 11.7267** is the 20% darker color. If you saturate the color by 10%, you get **49.5828, 68.9772, 22.6567**, and if you desaturate by 10%, it is **57.4403, 72.6884, 38.3619**.

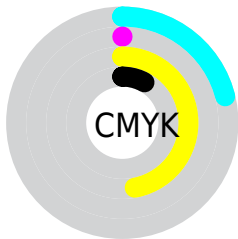
Distribution



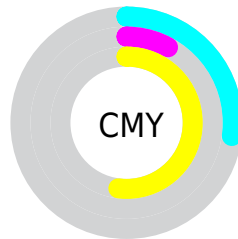
- Red (73%)
- Green (92%)
- Blue (48%)



- Red (48%)
- Yellow (92%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)




- Cyan (27%)
- Magenta (8%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2477, 70.7148, 29.5818 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 53.2477, 70.7148, 29.5818 by changing the saturation by 10% instead.


 53.2477, 70.7148,
29.5818

 53.2477, 70.7148,
29.5818


389.4800,
463.0558, 314.0966


 38.2288, 52.1095,
19.2720


 94.1321, 120.2275,
60.0534

 26.3383, 37.0924,
11.6882


 120.7284,
151.9038, 81.0522

 17.2109, 25.2790,
6.4118


 151.9145,
188.7057, 106.4512

 10.4812, 16.2850,
3.0242

188.0558,
231.0179, 136.6688

 5.7839, 9.7261,
1.1070

229.5177,
279.2246, 172.1236

 2.7535, 5.2177,
0.0000

276.6654,

 1.0248, 2.3756,

333.7102, 213.2342

0.0000

329.8644,
394.8591, 260.4190

■ 0.0000, 0.8133,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2477, 70.7148,
29.5818

■ 53.2477, 70.7148,
29.5818

■ 49.5828, 68.9772,
22.6567

■ 57.4403, 72.6884,
38.3619

■ 46.4115, 67.4544,
17.4482

■ 62.1819, 74.8997,
49.1130


■ 43.7031, 66.1359,
13.8064


■ 67.4983, 77.3619,
61.9467


■ 41.4200, 65.0064,
11.5530


■ 73.4123, 80.0844,
76.9654

 39.5134, 64.0459,
10.4518

 79.9451, 83.0761,
94.2643

 39.0664, 63.8193,
10.2593

 85.7335, 85.7920,
106.6486

 88.7143, 87.3286,
106.7881

Harmonies

Analogous

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



65.1994, 70.7148, 23.1764



53.2477, 70.7148, 29.5818



45.9135, 70.7148, 48.4501

Triad

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



53.2477, 70.7148, 29.5818



56.3203, 70.7148, 168.4738



97.4776, 70.7148, 71.3188

Complementary

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



53.2477, 70.7148, 29.5818



38.7318, 28.7664, 81.3569

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.



94.2502, 70.7148, 114.9999



53.2477, 70.7148, 29.5818



69.2662, 70.7148, 181.0709

Square

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



53.2477, 70.7148, 29.5818



47.5087, 70.7148, 128.6884



83.4270, 70.7148, 158.8487



91.7257, 70.7148, 41.4148

Rectangle

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



53.2477, 70.7148, 29.5818



44.0044, 70.7148, 69.7423



83.4270, 70.7148, 158.8487



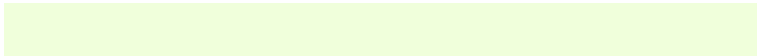
97.4122, 70.7148, 84.7368

Sweetspot

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



53.2494, 70.7179, 29.5833



84.3720, 95.0988, 81.1341



51.7440, 47.3940, 25.1607



17.7349, 20.2056, 16.5533



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.



53.2494, 70.7179, 29.5833



60.3293, 83.8630, 27.6596



42.5551, 65.2048, 29.0828



15.6865, 17.2839, 16.0281



22.0991, 35.9370, 5.7718



1.8452, 2.8786, 0.4584

Inverse Universe

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



38.7318, 28.7664, 81.3569



40.7135, 27.1249, 97.6975



52.9104, 36.0757, 82.0205



14.8491, 14.8675, 19.0093



11.5120, 4.9706, 44.0956



1.0123, 0.4462, 3.4676

Previews

White Background



This preview shows how the XYZ color 53.2477, 70.7148, 29.5818 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 53.2477, 70.7148, 29.5818 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

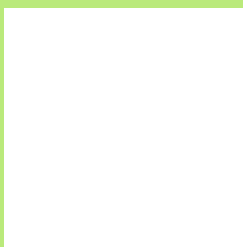
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2477, 70.7148, 29.5818

Background



This preview shows how black text looks on a background with the XYZ color 53.2477, 70.7148, 29.5818.



This preview shows how white text looks on a background with the XYZ color 53.2477, 70.7148,

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

53.2477, 70.7148, 29.5818

Protanopia

64.2766, 69.9761, 27.2585

Deuteranopia

70.5350, 70.2488, 41.2943



Tritanopia

65.7936, 70.5015, 91.8018

Trichromacy



Original Color

53.2477, 70.7148, 29.5818



Protanomaly

59.5610, 69.8830, 28.1189



Deuteranomaly

62.9987, 69.4996, 36.4799



Tritanomaly

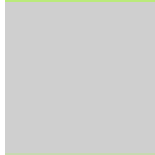
60.0394, 70.1597, 63.2011

Monochromacy



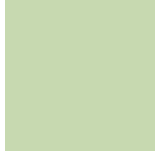
Original Color

53.2477, 70.7148, 29.5818



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.2025, 64.9024, 50.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2477, 70.7148, 29.5818 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(186, 234, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 234, 123)  
}
```

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(186, 234, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 123) }
```

Border

The CSS property to change the border of an element to XYZ 53.2477, 70.7148, 29.5818 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(186, 234, 123) }
```


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

```
.border{ border-color:rgb(186, 234, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 234, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2477, 70.7148, 29.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 123) }
```

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

```
.background{ background-color: rgb(186,  
234, 123) }
```

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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