

Converting Colors

XYZ(56.5247, 69.4926, 53.4618)

Have a look what the booklet for
XYZ(56.5247, 69.4926, 53.4618)
contains.

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Color

**XYZ(56.4751, 69.3469,
53.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE4B4
RGB	187, 228, 180
RGB Percent	73%, 89%, 71%
CMY	0.2667, 0.1059, 0.2941
CMYK	0.18, 0.00, 0.21, 0.11
HSL	111°, 47%, 80%
HSV	111°, 21%, 89%
XYZ	56.4751, 69.3469, 53.5887
YIQ	210.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

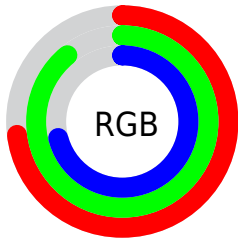
Format	Color
RYB	180, 228, 221
Decimal	12313780
CIELab	86.68, -22.22, 19.12
CIELCh	87, 29.313, 139.287
Yxy	69.3469, 0.3148, 0.3865
Android (android.graphics.Color)	4290503860 (0xFFBBE4B4)
YUV	210.2690, -14.9226, -20.4069
Hunter-Lab	83.2748, -24.6762, 20.1383

Details

The XYZ color **56.4751, 69.3469, 53.5887** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1466, 53.6181, 80.5817**, and the grayscale version is **61.5361, 64.7407, 70.5027**.

A 20% lighter version of the original color is **88.2085, 96.8092, 93.3938**, and **28.2562, 36.0239, 25.5427** is the 20% darker color. If you saturate the color by 10%, you get **49.8953, 66.2036, 42.1373**, and if you desaturate by 10%, it is **64.0870, 72.9822, 67.0857**.

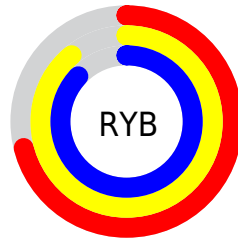
Distribution



Red (73%)

Green (89%)

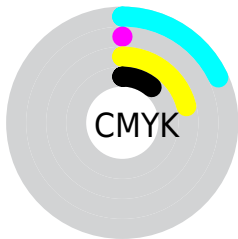
Blue (71%)



Red (71%)

Yellow (89%)

Blue (87%)

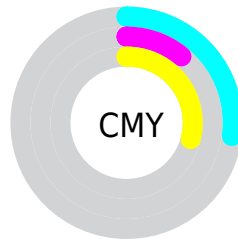


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4751, 69.3469, 53.5887 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 56.4751, 69.3469, 53.5887 by changing the saturation by 10% instead.

■ 56.4751, 69.3469,
53.5887

■ 56.4751, 69.3469,
53.5887

401.5256,
458.2535, 417.6698

■ 40.8225, 50.9943,
37.8820

■ 98.8347, 118.2769,
96.9204

■ 28.3674, 36.2041,
25.5900

126.2723,
149.6231, 125.3824

■ 18.7447, 24.5918,
16.2942

158.3690,
186.0693, 158.9334

■ 11.5889, 15.7732,
9.5759

195.4901,
227.9998, 197.9917

■ 6.5346, 9.3638,
5.0168

238.0009,
275.7991, 242.9760

■ 3.2165, 4.9792,
2.1982


286.2669,

■ 1.2693, 2.2351,


329.8515, 294.3047


0.6733


340.6533,
390.5416, 352.3965


 0.1600, 0.7390,
0.0000


 0.0000, 0.0000,
0.0000


 56.4751, 69.3469,
53.5887


 56.4751, 69.3469,
53.5887

 49.8953, 66.2036,
42.1373


 64.0870, 72.9822,
67.0857

 44.2974, 63.5225,
32.6275

 72.7671, 77.1200,
82.7165

 39.6357, 61.2843,
24.9529

 82.5569, 81.7817,
100.5696

 35.8581, 59.4648,
18.9951

 87.0348, 83.9696,
106.2283

■ 32.9078, 58.0376,
14.6221

■ 30.7207, 56.9729,
11.6824

■ 29.2232, 56.2367,
9.9951

■ 28.3798, 55.8170,
9.2780

Harmonies

Analogous

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



61.6803, 69.3469, 45.3489



56.4751, 69.3469, 53.5887



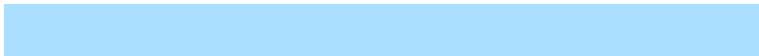
53.8630, 69.3469, 68.7468

Triad

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



56.4751, 69.3469, 53.5887



63.5074, 69.3469, 118.6825



79.0628, 69.3469, 63.7835

Complementary

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



56.4751, 69.3469, 53.5887



60.1466, 53.6181, 80.5817

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.



79.6362, 69.3469, 82.6964



56.4751, 69.3469, 53.5887



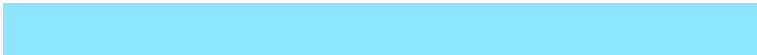
70.3332, 69.3469, 116.7314

Square

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



56.4751, 69.3469, 53.5887



57.7332, 69.3469, 107.6550



76.3459, 69.3469, 102.7101



74.8292, 69.3469, 50.4956

Rectangle

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



56.4751, 69.3469, 53.5887



53.8135, 69.3469, 81.7230



76.3459, 69.3469, 102.7101



79.7005, 69.3469, 69.6145

Sweetspot

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



56.4769, 69.3499, 53.5902



88.0378, 96.6585, 96.2215



66.0398, 71.3999, 53.4819



18.6870, 20.6142, 20.3133



0.0000, 0.0000, 0.0000



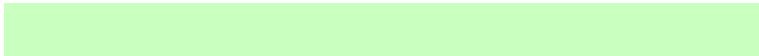
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4769, 69.3499, 53.5902



69.1568, 87.6471, 62.7072



56.6231, 69.2153, 63.0806



14.3839, 16.1894, 15.2712



16.4467, 32.2601, 5.3600



1.2769, 2.4156, 0.3990

Inverse Universe

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



60.1466, 53.6181, 80.5817



74.6380, 64.1303, 103.0523



60.1016, 53.8515, 68.9888



14.7777, 14.5032, 18.1649



21.1240, 9.9557, 43.1915



1.6176, 0.7649, 3.1943

Previews

White Background



This preview shows how the XYZ color 56.4751, 69.3469, 53.5887 looks on a white background.

Color Contrast Check

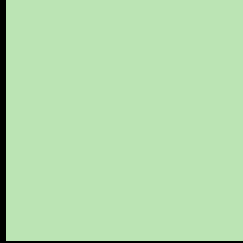
Large Text (above 18pt) WCAG AA × Fail

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 56.4751, 69.3469, 53.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

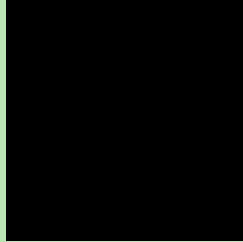
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4751, 69.3469, 53.5887

Background



This preview shows how black text looks on a background with the XYZ color 56.4751, 69.3469, 53.5887.



This preview shows how white text looks on a background with the XYZ color 56.4751, 69.3469, 53.5887.

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

56.4751, 69.3469, 53.5887

Protanopia

64.8290, 68.9907, 49.9441

Deuteranopia

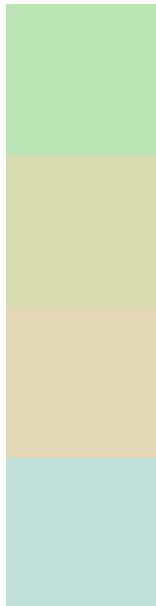
70.2745, 68.7122, 54.9063



Tritanopia

64.0518, 69.2298, 90.8757

Trichromacy



Original Color

56.4751, 69.3469, 53.5887

Protanomaly

61.1612, 68.6171, 51.0952

Deuteranomaly

64.2117, 68.1885, 54.5771

Tritanomaly

60.9044, 69.1226, 75.7776

Monochromacy



Original Color

56.4751, 69.3469, 53.5887

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4788, 66.3058, 63.6963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4751, 69.3469, 53.5887 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(187, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 228, 180)  
}
```

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(187, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 228, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.4751, 69.3469, 53.5887 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(187, 228, 180) }
```


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

```
.border{ border-color:rgb(187, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 228, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 228, 180); box-shadow:4px 4px 4px 4px rgb(187, 228, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4751, 69.3469, 53.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 228, 180) }
```

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

```
.background{ background-color: rgb(187,  
228, 180) }
```

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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