

Converting Colors

XYZ(53.3023, 55.3437, 76.4811)

Have a look what the booklet for
XYZ(53.3023, 55.3437, 76.4811)
contains.

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Color

**XYZ(53.2846, 55.2651,
76.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC4DD
RGB	187, 196, 221
RGB Percent	73%, 77%, 87%
CMY	0.2667, 0.2314, 0.1333
CMYK	0.15, 0.11, 0.00, 0.13
HSL	224°, 33%, 80%
HSV	224°, 15%, 87%
XYZ	53.2846, 55.2651, 76.2654
YIQ	196.1590, -13.3890, 5.8670

Conversions

Conversions Part 2

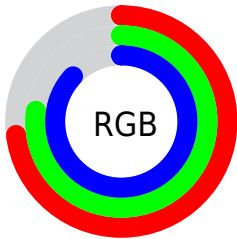
Format	Color
RYB	187, 194, 221
Decimal	12305629
CIELab	79.19, 1.96, -13.49
CIELCh	79, 13.632, 278.271
Yxy	55.2651, 0.2883, 0.2990
Android (android.graphics.Color)	4290495709 (0xFFBBC4DD)
YUV	196.1590, 12.2466, -8.0324
Hunter-Lab	74.3405, -2.1535, -8.7868

Details

The XYZ color **53.2846, 55.2651, 76.2654** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3323, 66.0468, 56.4780**, and the grayscale version is **52.5007, 55.2348, 60.1507**.

A 20% lighter version of the original color is **90.1374, 96.5252, 108.4882**, and **26.3875, 27.1675, 39.9295** is the 20% darker color. If you saturate the color by 10%, you get **44.8200, 45.7533, 74.8765**, and if you desaturate by 10%, it is **62.9815, 66.0043, 77.8281**.

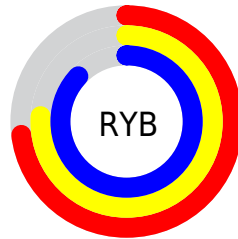
Distribution



Red (73%)

Green (77%)

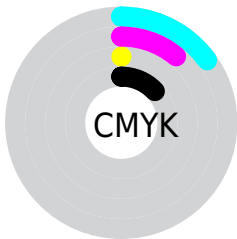
Blue (87%)



Red (73%)

Yellow (76%)

Blue (87%)

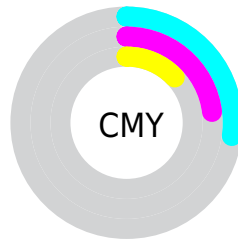


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2846, 55.2651, 76.2654 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 53.2846, 55.2651, 76.2654 by changing the saturation by 10% instead.

■ 53.2846, 55.2651,
76.2654

■ 53.2846, 55.2651,
76.2654

389.6191,
406.9160, 501.6267

■ 38.2584, 39.6140,
56.1422

■ 94.1861, 97.9293,
129.8655

■ 26.3614, 27.2377,
39.9122

120.7921,
125.7111, 164.1795

■ 17.2283, 17.7518,
27.1568

151.9887,
158.3054, 204.0609

■ 10.4937, 10.7720,
17.4576

188.1414,
196.0964, 249.9281

■ 5.7923, 5.9137,
10.3959

229.6154,
239.4685, 302.1998

■ 2.7586, 2.7927,
5.5532

276.7761,

■ 1.0275, 1.0245,

288.8063, 361.2944

2.5110

329.9889,
344.4940, 427.6305

■ 0.0000, 0.0000,
0.8460

■ 0.0000, 0.0000,
0.0000

■ 53.2846, 55.2651,
76.2654

■ 53.2846, 55.2651,
76.2654

■ 44.8200, 45.7533,
74.8765

■ 62.9815, 66.0043,
77.8281

■ 37.5322, 37.4173,
73.6516

■ 73.9533, 78.0063,
79.5664

■ 31.3687, 30.2119,
72.5856

■ 86.2464, 91.3137,
81.4871

■ 26.2711, 24.0861,
71.6719

■ 90.0513, 98.0005,
82.5772

■ 22.1754, 18.9848,
70.9031

■ 19.0101, 14.8476,
70.2714

■ 16.6936, 11.6070,
69.7680

■ 15.1281, 9.1846,
69.3829

■ 14.5905, 8.2989,
69.2403

Harmonies

Analogous

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



50.6133, 55.2651, 75.2053



53.2846, 55.2651, 76.2654



55.8378, 55.2651, 72.7302

Triad

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



53.2846, 55.2651, 76.2654



56.7463, 55.2651, 51.3568



47.8129, 55.2651, 54.7923

Complementary

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



53.2846, 55.2651, 76.2654



62.3323, 66.0468, 56.4780

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.



49.3513, 55.2651, 49.1536



53.2846, 55.2651, 76.2654



54.4900, 55.2651, 47.2927

Square

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



53.2846, 55.2651, 76.2654



57.8811, 55.2651, 58.0429



51.7782, 55.2651, 46.5224



47.5153, 55.2651, 62.3572

Rectangle

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



53.2846, 55.2651, 76.2654



57.1079, 55.2651, 68.4091



51.7782, 55.2651, 46.5224



48.1994, 55.2651, 52.6284

Sweetspot

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



53.2863, 55.2674, 76.2666



87.5959, 91.8257, 107.7151



58.2263, 67.0288, 72.1132



18.5326, 19.4162, 23.0209



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.



53.2863, 55.2674, 76.2666



70.2961, 72.6366, 104.9230



53.3111, 52.3556, 75.7033



12.6177, 13.1751, 16.5302



8.5552, 4.9797, 40.2487



0.6245, 0.4631, 2.6309

Inverse Universe

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



57.5543, 54.8997, 59.7904



77.1499, 72.1440, 78.4425



62.2870, 69.4578, 57.1388



13.1969, 13.1079, 14.2981



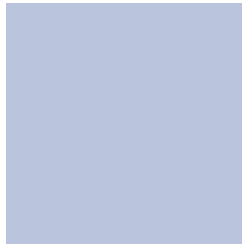
17.8136, 9.1265, 3.3984



1.1895, 0.6054, 0.4069

Previews

White Background



This preview shows how the XYZ color 53.2846, 55.2651, 76.2654 looks on a white background.

Color Contrast Check

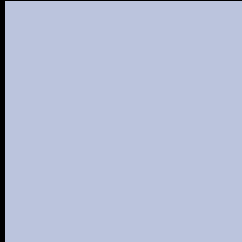
Large Text (above 18pt) WCAG AA × Fail

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 53.2846, 55.2651, 76.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

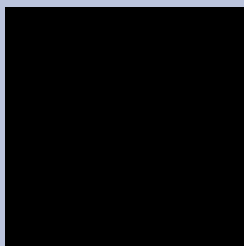
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

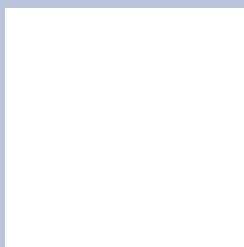
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2846, 55.2651, 76.2654

Background



This preview shows how black text looks on a background with the XYZ color 53.2846, 55.2651, 76.2654.

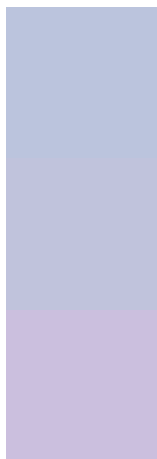


This preview shows how white text looks on a background with the XYZ color 53.2846, 55.2651,

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

53.2846, 55.2651, 76.2654

Protanopia

54.1716, 55.4040, 75.5490

Deuteranopia

56.4442, 55.2320, 76.7932



Tritanopia

52.2262, 55.1757, 70.8482

Trichromacy



Original Color

53.2846, 55.2651, 76.2654

Protanomaly

53.6686, 55.1447, 75.5255

Deuteranomaly

55.2807, 55.2842, 76.8645

Tritanomaly

52.6106, 55.3295, 72.8725

Monochromacy



Original Color

53.2846, 55.2651, 76.2654

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7517, 55.2251, 65.6368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2846, 55.2651, 76.2654 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, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 221)  
}
```

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, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.2846, 55.2651, 76.2654 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, 196, 221) }
```


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

```
.border{ border-color:rgb(187, 196, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2846, 55.2651, 76.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 221) }
```

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

```
.background{ background-color: rgb(187,  
196, 221) }
```

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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