

Converting Colors

XYZ(53.8738, 56.6814, 76.3820)

Have a look what the booklet for
XYZ(53.8738, 56.6814, 76.3820)
contains.

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Color

**XYZ(53.7243, 56.5064,
76.4819)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7DD
RGB	186, 199, 221
RGB Percent	73%, 78%, 87%
CMY	0.2706, 0.2196, 0.1333
CMYK	0.16, 0.10, 0.00, 0.13
HSL	218°, 34%, 80%
HSV	218°, 16%, 87%
XYZ	53.7243, 56.5064, 76.4819
YIQ	197.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

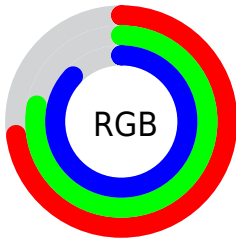
Format	Color
RYB	186, 195, 221
Decimal	12240861
CIELab	79.90, 0.04, -12.44
CIElCh	80, 12.439, 270.197
Yxy	56.5064, 0.2877, 0.3026
Android (android.graphics.Color)	4290430941 (0xFFBAC7DD)
YUV	197.6210, 11.5258, -10.1916
Hunter-Lab	75.1707, -3.9754, -7.7046

Details

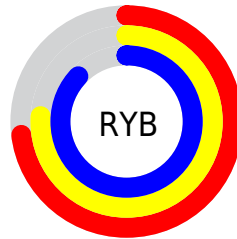
The XYZ color **53.7243, 56.5064, 76.4819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2381, 64.0291, 55.5869**, and the grayscale version is **53.3867, 56.1670, 61.1658**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.6812, 27.9905, 40.0729** is the 20% darker color. If you saturate the color by 10%, you get **45.7139, 47.8484, 75.2338**, and if you desaturate by 10%, it is **62.8602, 66.1806, 77.8686**.

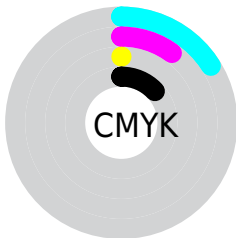
Distribution



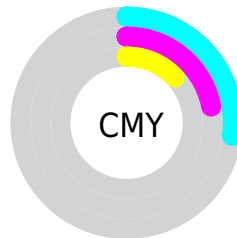
- Red (73%)
- Green (78%)
- Blue (87%)



- Red (73%)
- Yellow (76%)
- Blue (87%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7243, 56.5064, 76.4819 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 53.7243, 56.5064, 76.4819 by changing the saturation by 10% instead.

■ 53.7243, 56.5064,
76.4819

■ 53.7243, 56.5064,
76.4819

391.2733,
411.5971, 502.3864

■ 38.6111, 40.6091,
56.3187

■ 94.8286, 99.7446,
130.1742

■ 26.6367, 28.0138,
40.0528

121.5504,
127.8543, 164.5404

■ 17.4357, 18.3360,
27.2656

152.8724,
160.8035, 204.4780

■ 10.6429, 11.1915,
17.5386

189.1600,
198.9767, 250.4056

■ 5.8927, 6.1958,
10.4532

230.7785,
242.7583, 302.7417

■ 2.8200, 2.9645,
5.5910

278.0933,

■ 1.0593, 1.1132,

292.5326, 361.9048

2.5333

331.4698,
348.6841, 428.3136

■ 0.0000, 0.0000,
0.8577

■ 0.0000, 0.0000,
0.0000

■ 53.7243, 56.5064,
76.4819

■ 53.7243, 56.5064,
76.4819

■ 45.7139, 47.8484,
75.2338

■ 62.8602, 66.1806,
77.8686

■ 38.7780, 40.1644,
74.1162

■ 73.1597, 76.8974,
79.3943

■ 32.8693, 33.4195,
73.1258

■ 84.6649, 88.6906,
81.0642

■ 27.9347, 27.5736,
72.2575

■ 89.9125, 97.7230,
82.5311

■ 23.9158, 22.5836,
71.5061

■ 90.0513, 98.0005,
82.5773

■ 20.7474, 18.4018,
70.8659

■ 18.3547, 14.9749,
70.3306

■ 16.6467, 12.2403,
69.8928

■ 16.0762, 11.2703,
69.7356

Harmonies

Analogous

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



51.3338, 56.5064, 74.3784



53.7243, 56.5064, 76.4819



56.1833, 56.5064, 74.3242

Triad

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



53.7243, 56.5064, 76.4819



58.0080, 56.5064, 54.8028



49.6094, 56.5064, 54.8794

Complementary

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



53.7243, 56.5064, 76.4819



61.2381, 64.0291, 55.5869

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.



51.3058, 56.5064, 50.2881



53.7243, 56.5064, 76.4819



56.1536, 56.5064, 50.2464

Square

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



53.7243, 56.5064, 76.4819



58.7033, 56.5064, 61.4782



53.6910, 56.5064, 48.6589



49.0037, 56.5064, 61.5736

Rectangle

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



53.7243, 56.5064, 76.4819



57.5192, 56.5064, 70.8495



53.6910, 56.5064, 48.6589



50.0683, 56.5064, 53.0583

Sweetspot

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



53.7260, 56.5087, 76.4832



88.0105, 92.6548, 107.8533



57.4412, 66.6867, 69.2515



18.6332, 19.6173, 23.0544



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.



53.7260, 56.5087, 76.4832



70.4600, 74.0275, 105.1828



51.8673, 51.2975, 75.5753



12.7329, 13.4056, 16.5686



9.4386, 6.7467, 40.5432



0.6924, 0.5990, 2.6536

Inverse Universe

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



57.6879, 54.6149, 61.5367



76.9731, 71.0796, 80.5748



63.3109, 69.9981, 56.6298



13.2551, 13.1311, 14.6044



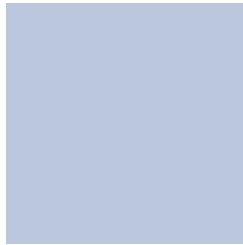
18.2595, 9.3048, 5.7466



1.2238, 0.6192, 0.5874

Previews

White Background



This preview shows how the XYZ color 53.7243, 56.5064, 76.4819 looks on a white background.

Color Contrast Check

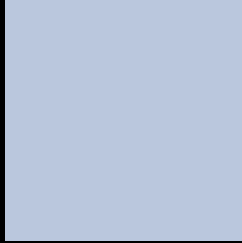
Large Text (above 18pt) WCAG AA × Fail

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 53.7243, 56.5064, 76.4819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

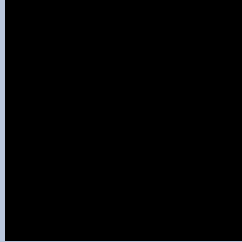
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7243, 56.5064, 76.4819

Background



This preview shows how black text looks on a background with the XYZ color 53.7243, 56.5064, 76.4819.



This preview shows how white text looks on a background with the XYZ color 53.7243, 56.5064,

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

53.7243, 56.5064, 76.4819

Protanopia

55.0318, 56.1964, 74.9643

Deuteranopia

57.7084, 56.5357, 76.9782



Tritanopia

53.0565, 56.5807, 73.0905

Trichromacy



Original Color

53.7243, 56.5064, 76.4819

Protanomaly

54.6227, 56.3063, 75.6994

Deuteranomaly

56.2531, 56.4463, 77.0376

Tritanomaly

53.3167, 56.6848, 74.4608

Monochromacy



Original Color

53.7243, 56.5064, 76.4819

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5828, 56.3137, 66.4380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7243, 56.5064, 76.4819 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, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 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(186, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.7243, 56.5064, 76.4819 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, 199, 221) }
```


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

```
.border{ border-color:rgb(186, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7243, 56.5064, 76.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 221) }
```

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

```
.background{ background-color: rgb(186,  
199, 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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