

Converting Colors

XYZ(53.7747, 56.6032, 78.2316)

Have a look what the booklet for
XYZ(53.7747, 56.6032, 78.2316)
contains.

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Color

**XYZ(53.7503, 56.4888,
77.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C7DF
RGB	185, 199, 223
RGB Percent	73%, 78%, 87%
CMY	0.2745, 0.2196, 0.1255
CMYK	0.17, 0.11, 0.00, 0.13
HSL	218°, 37%, 80%
HSV	218°, 17%, 87%
XYZ	53.7503, 56.4888, 77.8825
YIQ	197.5500, -16.0480, 4.4960

Conversions

Conversions Part 2

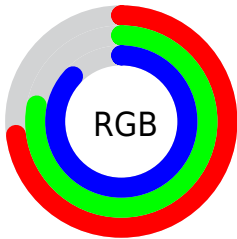
Format	Color
RYB	185, 195, 223
Decimal	12175327
CIELab	79.89, 0.15, -13.53
CIELCh	80, 13.535, 270.645
Yxy	56.4888, 0.2857, 0.3003
Android (android.graphics.Color)	4290365407 (0xFFB9C7DF)
YUV	197.5500, 12.5469, -11.0063
Hunter-Lab	75.1590, -3.8733, -8.8271

Details

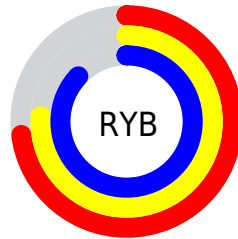
The XYZ color **53.7503, 56.4888, 77.8825** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9894, 64.7918, 55.1392**, and the grayscale version is **53.3382, 56.1160, 61.1103**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **26.7090, 27.9835, 41.0394** is the 20% darker color. If you saturate the color by 10%, you get **45.6953, 47.7478, 76.6208**, and if you desaturate by 10%, it is **62.9524, 66.2692, 79.2862**.

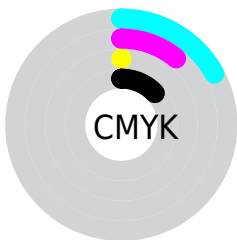
Distribution



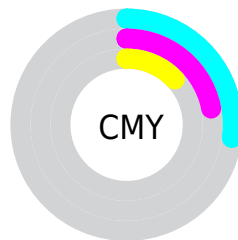
- Red (73%)
- Green (78%)
- Blue (87%)



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



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7503, 56.4888, 77.8825 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 53.7503, 56.4888, 77.8825 by changing the saturation by 10% instead.

■ 53.7503, 56.4888,
77.8825

■ 53.7503, 56.4888,
77.8825

391.3710,
411.5310, 507.2850

■ 38.6319, 40.5950,
57.4616

■ 94.8666, 99.7189,
132.1688

■ 26.6530, 28.0027,
40.9641

121.5952,
127.8239, 166.8713

■ 17.4480, 18.3277,
27.9716

152.9246,
160.7682, 207.1714

■ 10.6517, 11.1855,
18.0654

189.2201,
198.9360, 253.4877

■ 5.8987, 6.1918,
10.8270

230.8472,
242.7118, 306.2386

■ 2.8237, 2.9620,
5.8379

278.1711,

■ 1.0612, 1.1119,

292.4800, 365.8428

2.6796

331.5573,
348.6249, 432.7188

■ 0.0000, 0.0000,
0.9331

■ 0.0000, 0.0000,
0.0000

■ 53.7503, 56.4888,
77.8825

■ 53.7503, 56.4888,
77.8825

■ 45.6953, 47.7478,
76.6208

■ 62.9524, 66.2692,
79.2862

■ 38.7349, 40.0029,
75.4927

■ 73.3409, 77.1164,
80.8324

■ 32.8201, 33.2176,
74.4948

■ 84.9595, 89.0657,
82.5265

■ 27.8958, 27.3504,
73.6218

■ 90.3195, 98.1078,
83.9893

■ 23.9015, 22.3564,
72.8684

■ 20.7694, 18.1859,
72.2285

■ 18.4212, 14.7832,
71.6955

■ 16.7571, 12.0804,
71.2615

■ 16.3496, 11.3882,
71.1493

Harmonies

Analogous

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



51.1464, 56.4888, 75.6353



53.7503, 56.4888, 77.8825



56.4246, 56.4888, 75.4403

Triad

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



53.7503, 56.4888, 77.8825



58.3580, 56.4888, 54.1236



49.2234, 56.4888, 54.3944

Complementary

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



53.7503, 56.4888, 77.8825



61.9894, 64.7918, 55.1392

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.



51.0469, 56.4888, 49.4039



53.7503, 56.4888, 77.8825



56.3184, 56.4888, 49.2572

Square

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



53.7503, 56.4888, 77.8825



59.1399, 56.4888, 61.3368



53.6316, 56.4888, 47.6041



48.5873, 56.4888, 61.6769

Rectangle

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



53.7503, 56.4888, 77.8825



57.8736, 56.4888, 71.5920



53.6316, 56.4888, 47.6041



49.7147, 56.4888, 52.4160

Sweetspot

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



53.7520, 56.4911, 77.8838



87.9987, 92.6313, 107.8493



57.8350, 67.6661, 69.9682



18.6303, 19.6116, 23.0534



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.



53.7520, 56.4911, 77.8838



69.2841, 72.7218, 104.9928



51.7634, 50.9013, 76.9096



13.3636, 14.0663, 17.3984



9.7123, 6.8941, 41.8672



0.7568, 0.6450, 2.9299

Inverse Universe

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



58.0906, 54.5108, 61.4953



76.1242, 69.7622, 79.1186



64.2289, 71.2721, 56.2720



13.9150, 13.7836, 15.3225



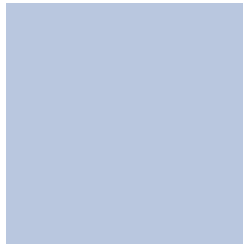
18.8425, 9.6040, 5.8364



1.3482, 0.6826, 0.6267

Previews

White Background



This preview shows how the XYZ color 53.7503, 56.4888, 77.8825 looks on a white background.

Color Contrast Check

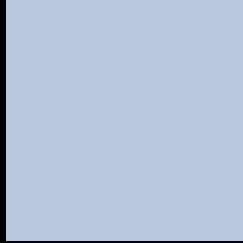
Large Text (above 18pt) WCAG AA × Fail

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 53.7503, 56.4888, 77.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

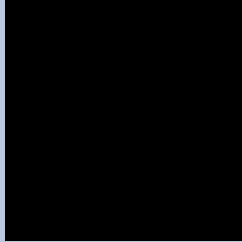
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

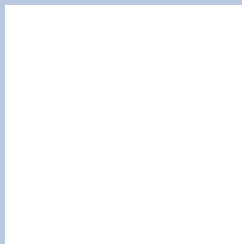
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7503, 56.4888, 77.8825

Background



This preview shows how black text looks on a background with the XYZ color 53.7503, 56.4888, 77.8825.



This preview shows how white text looks on a background with the XYZ color 53.7503, 56.4888,

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

53.7503, 56.4888, 77.8825

Protanopia

55.0392, 56.1696, 76.3476

Deuteranopia

57.7013, 56.5009, 78.3856



Tritanopia

52.8161, 56.4568, 73.0793

Trichromacy



Original Color

53.7503, 56.4888, 77.8825

Protanomaly

54.6369, 56.2828, 77.0912

Deuteranomaly

56.2584, 56.4178, 78.4456

Tritanomaly

53.2076, 56.6134, 75.1410

Monochromacy



Original Color

53.7503, 56.4888, 77.8825

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4489, 56.2306, 67.0680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7503, 56.4888, 77.8825 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(185, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 223)  
}
```

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(185, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.7503, 56.4888, 77.8825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

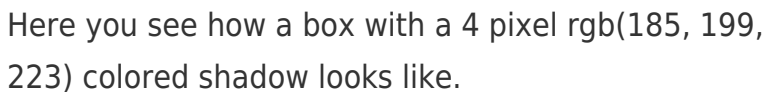
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 199, 223) }
```


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

```
.border{ border-color:rgb(185, 199, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 199,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7503, 56.4888, 77.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 199, 223) }
```

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

```
.background{ background-color: rgb(185,  
199, 223) }
```

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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