

Converting Colors

XYZ(56.4371, 53.7573, 77.5271)

Have a look what the booklet for
XYZ(56.4371, 53.7573, 77.5271)
contains.

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Color

**XYZ(56.3318, 53.5673,
77.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBADF
RGB	206, 186, 223
RGB Percent	81%, 73%, 87%
CMY	0.1921, 0.2706, 0.1255
CMYK	0.08, 0.17, 0.00, 0.13
HSL	272°, 37%, 80%
HSV	272°, 17%, 87%
XYZ	56.3318, 53.5673, 77.1826
YIQ	196.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

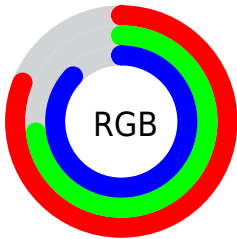
Format	Color
R_{YB}	206, 186, 223
Decimal	13548255
CIE _{Lab}	78.21, 13.92, -15.90
CIE _{LCh}	78, 21.131, 311.206
Yxy	53.5673, 0.3011, 0.2863
Android (android.graphics.Color)	4291738335 (0xFFCEBADF)
YUV	196.1980, 13.2134, 8.5964
Hunter-Lab	73.1897, 9.3039, -11.2918

Details

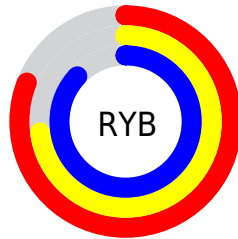
The XYZ color **56.3318, 53.5673, 77.1826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.8811, 69.0184, 56.6227**, and the grayscale version is **52.5127, 55.2474, 60.1644**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **28.4043, 26.2776, 40.6208** is the 20% darker color. If you saturate the color by 10%, you get **49.2434, 43.4760, 75.6092**, and if you desaturate by 10%, it is **64.3420, 65.2250, 79.0114**.

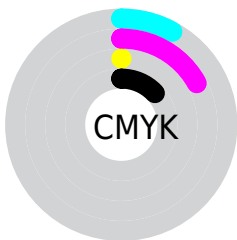
Distribution



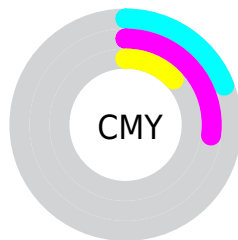
- Red (81%)
- Green (73%)
- Blue (87%)



- Red (81%)
- Yellow (73%)
- Blue (87%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3318, 53.5673, 77.1826 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 56.3318, 53.5673, 77.1826 by changing the saturation by 10% instead.

■ 56.3318, 53.5673,
77.1826

■ 56.3318, 53.5673,
77.1826

400.9955,
400.4578, 504.8406

■ 40.7071, 38.2558,
56.8903

■ 98.6265, 95.4386,
131.1726

■ 28.2769, 26.1813,
40.5084

126.0272,
122.7673, 165.7073

■ 18.6760, 16.9593,
27.6184

158.0840,
154.8704, 205.8266

■ 11.5390, 10.2055,
17.8016

195.1621,
192.1325, 251.9491

■ 6.5006, 5.5354,
10.6397

237.6269,
234.9379, 304.4931

■ 3.1953, 2.5647,
5.7140

285.8439,

■ 1.2579, 0.9090,

283.6710, 363.8774

2.6060

340.1783,
338.7162, 430.5203

■ 0.1513, 0.0000,
0.8956

■ 0.0000, 0.0000,
0.0000

■ 56.3318, 53.5673,
77.1826

■ 56.3318, 53.5673,
77.1826

■ 49.2434, 43.4760,
75.6092

■ 64.3420, 65.2250,
79.0114

■ 43.0346, 34.8747,
74.2762

■ 73.3043, 78.5075,
81.1028

■ 37.6668, 27.6906,
73.1725

■ 83.2535, 93.4783,
83.4681

■ 33.0964, 21.8420,
72.2845

■ 87.4330, 96.6197,
83.8542

■ 29.2753, 17.2387,
71.5973

■ 90.3194, 98.1078,
83.9893

■ 26.1497, 13.7785,
71.0942

■ 23.6569, 11.3425,
70.7554

■ 21.7185, 9.7801,
70.5560

■ 21.1398, 9.3593,
70.5052

Harmonies

Analogous

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



52.4745, 53.5673, 83.6260



56.3318, 53.5673, 77.1826



58.8155, 53.5673, 65.9709

Triad

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



56.3318, 53.5673, 77.1826



53.5180, 53.5673, 39.3209



43.5085, 53.5673, 62.8623

Complementary

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



56.3318, 53.5673, 77.1826



59.8811, 69.0184, 56.6227

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.



43.7541, 53.5673, 51.2951



56.3318, 53.5673, 77.1826



49.3850, 53.5673, 38.7245

Square

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



56.3318, 53.5673, 77.1826



57.1312, 53.5673, 44.5782



45.8554, 53.5673, 42.8212



45.1653, 53.5673, 74.6435

Rectangle

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



56.3318, 53.5673, 77.1826



59.2813, 53.5673, 57.8478



45.8554, 53.5673, 42.8212



43.3738, 53.5673, 58.8061

Sweetspot

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



56.3334, 53.5696, 77.1838



88.9940, 91.0390, 107.4895



54.9899, 58.6068, 78.2269



18.8719, 19.2262, 22.9663



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.



56.3334, 53.5696, 77.1838



72.7810, 67.4891, 103.7985



61.1454, 56.0694, 76.5441



13.6563, 13.6064, 17.2942



12.5617, 5.5711, 41.4616



0.9737, 0.4392, 2.8787

Inverse Universe

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



58.7716, 55.1199, 64.0439



76.7579, 70.0158, 82.4560



55.6339, 66.8137, 57.1114



13.9679, 13.8048, 15.6010



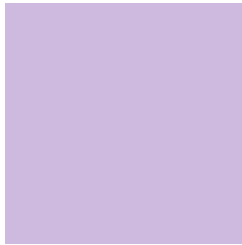
19.3726, 9.8160, 8.6279



1.3876, 0.6983, 0.8340

Previews

White Background



This preview shows how the XYZ color 56.3318, 53.5673, 77.1826 looks on a white background.

Color Contrast Check

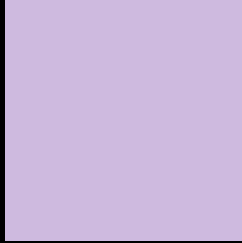
Large Text (above 18pt) WCAG AA × Fail

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 56.3318, 53.5673, 77.1826 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 56.3318, 53.5673, 77.1826

Background



This preview shows how black text looks on a background with the XYZ color 56.3318, 53.5673, 77.1826.



This preview shows how white text looks on a background with the XYZ color 56.3318, 53.5673,

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

56.3318, 53.5673, 77.1826

Protanopia

53.2083, 53.8101, 80.2551

Deuteranopia

54.9356, 53.8112, 76.5984



Tritanopia

53.7253, 53.4513, 64.6123

Trichromacy



Original Color

56.3318, 53.5673, 77.1826

Protanomaly

54.3891, 53.7872, 79.4669

Deuteranomaly

55.5252, 53.7969, 76.5646

Tritanomaly

54.6429, 53.5070, 69.0759

Monochromacy



Original Color

56.3318, 53.5673, 77.1826

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8096, 54.4349, 66.0634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3318, 53.5673, 77.1826 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(206, 186, 223)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 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(206, 186, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 223) }
```

Border

The CSS property to change the border of an element to XYZ 56.3318, 53.5673, 77.1826 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(206, 186, 223) }
```


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

```
.border{ border-color:rgb(206, 186, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 223);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3318, 53.5673, 77.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 223) }
```

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

```
.background{ background-color: rgb(206,  
186, 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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