

Converting Colors

XYZ(56.6763, 56.6813, 76.9423)

Have a look what the booklet for
XYZ(56.6763, 56.6813, 76.9423)
contains.

XYZ(56.7873, 56.7216, 77.0626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7873, 56.7216,
77.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3DE
RGB	201, 195, 222
RGB Percent	79%, 76%, 87%
CMY	0.2118, 0.2353, 0.1294
CMYK	0.09, 0.12, 0.00, 0.13
HSL	253°, 29%, 82%
HSV	253°, 12%, 87%
XYZ	56.7873, 56.7216, 77.0626
YIQ	199.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

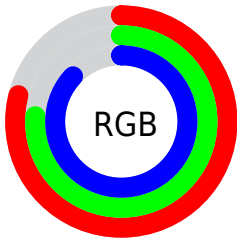
Format	Color
R _Y B	201, 195, 222
Decimal	13222878
CIE Lab	80.02, 7.23, -12.68
CIE LCh	80, 14.595, 299.697
Yxy	56.7216, 0.2980, 0.2976
Android (android.graphics.Color)	4291412958 (0xFFC9C3DE)
YUV	199.8720, 10.9091, 0.9893
Hunter-Lab	75.3137, 2.7917, -7.9471

Details

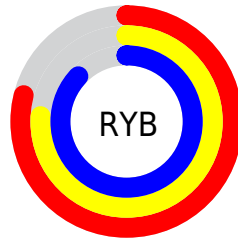
The XYZ color **56.7873, 56.7216, 77.0626** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.2925, 70.7831, 61.9063**, and the grayscale version is **54.7596, 57.6114, 62.7388**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.5325, 28.0428, 40.4682** is the 20% darker color. If you saturate the color by 10%, you get **47.7945, 45.2436, 75.3220**, and if you desaturate by 10%, it is **67.0449, 69.9524, 79.0766**.

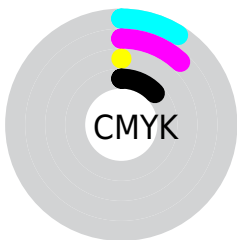
Distribution



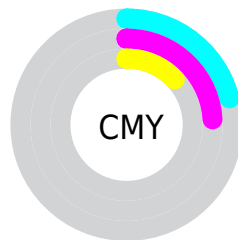
- Red (79%)
- Green (76%)
- Blue (87%)



- Red (79%)
- Yellow (76%)
- Blue (87%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7873, 56.7216, 77.0626 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 56.7873, 56.7216, 77.0626 by changing the saturation by 10% instead.

■ 56.7873, 56.7216,
77.0626

■ 56.7873, 56.7216,
77.0626

402.6789,
412.4053, 504.4208

■ 41.0740, 40.7818,
56.7924

■ 99.2879, 100.0589,
131.0017

■ 28.5648, 28.1486,
40.4303

126.8059,
128.2251, 165.5076

■ 18.8945, 18.4377,
27.5579

158.9895,
161.2355, 205.5958

■ 11.6976, 11.2647,
17.7565

196.2041,
199.4746, 251.6849

■ 6.6089, 6.2452,
10.6077

238.8149,
243.3267, 304.1935

■ 3.2628, 2.9947,
5.6929

287.1874,

■ 1.2942, 1.1290,

293.1763, 363.5399

2.5935

341.6870,
349.4077, 430.1428

■ 0.1789, 0.0025,
0.8891

■ 0.0000, 0.0000,
0.0000

■ 56.7873, 56.7216,
77.0626

■ 56.7873, 56.7216,
77.0626

■ 47.7945, 45.2436,
75.3220

■ 67.0449, 69.9524,
79.0766

■ 40.0116, 35.4374,
73.8394

■ 78.6092, 84.9982,
81.3713

■ 33.3874, 27.2261,
72.6036

■ 89.3827, 97.6404,
83.2436

■ 27.8646, 20.5239,
71.6010

■ 90.1850, 98.0540,
83.2812

■ 23.3812, 15.2371,
70.8169

■ 19.8686, 11.2609,
70.2345

■ 17.2492, 8.4759,
69.8350

■ 15.4324, 6.7395,
69.5956

■ 14.4670, 5.9349,
69.4912

Harmonies

Analogous

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



53.8821, 56.7216, 79.5757



56.7873, 56.7216, 77.0626



58.9876, 56.7216, 70.3736

Triad

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



56.7873, 56.7216, 77.0626



56.8413, 56.7216, 48.7043



48.4078, 56.7216, 61.6739

Complementary

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



56.7873, 56.7216, 77.0626



64.2925, 70.7831, 61.9063

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.



49.1366, 56.7216, 53.8800



56.7873, 56.7216, 77.0626



53.9423, 56.7216, 46.8244

Square

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



56.7873, 56.7216, 77.0626



59.0196, 56.7216, 54.0165



51.1358, 56.7216, 48.6307



49.1083, 56.7216, 70.2107

Rectangle

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



56.7873, 56.7216, 77.0626



59.7204, 56.7216, 64.7277



51.1358, 56.7216, 48.6307



48.4934, 56.7216, 58.8848

Sweetspot

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



56.7890, 56.7240, 77.0639



89.0230, 92.1900, 107.7102



60.2866, 66.0663, 78.6828



18.8189, 19.4277, 23.0080



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.



56.7890, 56.7240, 77.0639



73.9270, 72.7643, 104.7563



60.5356, 58.6554, 77.2392



13.2354, 13.3894, 17.2745



8.6715, 3.5657, 41.2796



0.6777, 0.2867, 2.8649

Inverse Universe

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



62.0359, 59.5201, 73.1873



82.7003, 77.4417, 98.1828



60.5068, 68.8315, 61.7292



14.1579, 13.8808, 16.6015



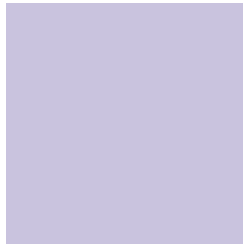
22.3987, 11.0265, 24.5629



1.5851, 0.7773, 1.8738

Previews

White Background



This preview shows how the XYZ color 56.7873, 56.7216, 77.0626 looks on a white background.

Color Contrast Check

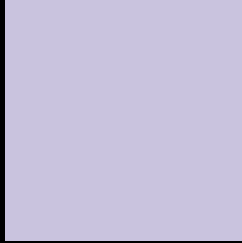
Large Text (above 18pt) WCAG AA × Fail

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 56.7873, 56.7216, 77.0626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

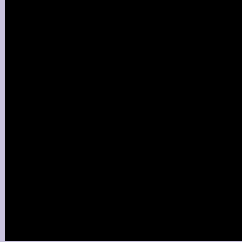
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7873, 56.7216, 77.0626

Background



This preview shows how black text looks on a background with the XYZ color 56.7873, 56.7216, 77.0626.



This preview shows how white text looks on a background with the XYZ color 56.7873, 56.7216,

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

56.7873, 56.7216, 77.0626

Protanopia

55.7912, 56.8623, 77.8471

Deuteranopia

57.7084, 56.5357, 76.9782



Tritanopia

55.4031, 56.8281, 70.3362

Trichromacy



Original Color

56.7873, 56.7216, 77.0626

Protanomaly

56.0852, 56.6779, 77.7960

Deuteranomaly

57.3784, 56.6949, 77.0263

Tritanomaly

55.9540, 56.7171, 72.9641

Monochromacy



Original Color

56.7873, 56.7216, 77.0626

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3987, 57.2216, 67.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7873, 56.7216, 77.0626 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(201, 195, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 222)  
}
```

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(201, 195, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.7873, 56.7216, 77.0626 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(201, 195, 222) }
```


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

```
.border{ border-color:rgb(201, 195, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7873, 56.7216, 77.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 222) }
```

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

```
.background{ background-color: rgb(201,  
195, 222) }
```

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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