

Converting Colors

XYZ(59.8612, 56.8143, 76.3423)

Have a look what the booklet for
XYZ(59.8612, 56.8143, 76.3423)
contains.

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Color

**XYZ(59.7835, 56.6463,
76.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BEDD
RGB	216, 190, 221
RGB Percent	85%, 75%, 87%
CMY	0.1529, 0.2549, 0.1333
CMYK	0.02, 0.14, 0.00, 0.13
HSL	290°, 31%, 81%
HSV	290°, 14%, 87%
XYZ	59.7835, 56.6463, 76.1895
YIQ	201.3080, 5.5450, 15.1530

Conversions

Conversions Part 2

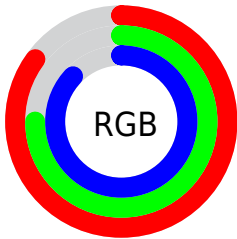
Format	Color
R _{YB}	216, 190, 221
Decimal	14204637
CIE _{Lab}	79.98, 14.69, -12.08
CIE _{LCh}	80, 19.019, 320.586
Yxy	56.6463, 0.3104, 0.2941
Android (android.graphics.Color)	4292394717 (0xFFD8BEDD)
YUV	201.3080, 9.7082, 12.8849
Hunter-Lab	75.2637, 10.0746, -7.3347

Details

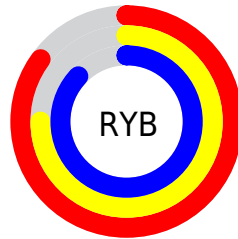
The XYZ color **59.7835, 56.6463, 76.1895** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.6584, 67.0342, 58.6180**, and the grayscale version is **55.6490, 58.5471, 63.7578**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.5265, 28.2216, 39.9148** is the 20% darker color. If you saturate the color by 10%, you get **54.3139, 47.2527, 74.6655**, and if you desaturate by 10%, it is **66.0051, 67.5081, 77.9590**.

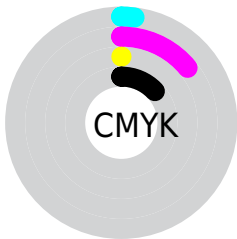
Distribution



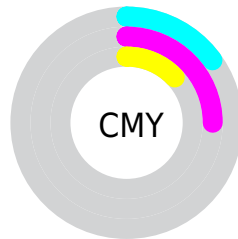
- Red (85%)
- Green (75%)
- Blue (87%)



- Red (85%)
- Yellow (75%)
- Blue (87%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7835, 56.6463, 76.1895 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 59.7835, 56.6463, 76.1895 by changing the saturation by 10% instead.

■ 59.7835, 56.6463,
76.1895

■ 59.7835, 56.6463,
76.1895

413.6468,
412.1226, 501.3602

■ 43.4929, 40.7213,
56.0803

■ 103.6237, 99.9489,
129.7573

■ 30.4683, 28.1014,
39.8629

131.9040,
128.0953, 164.0530

■ 20.3441, 18.4021,
27.1187

164.9116,
161.0844, 203.9146

■ 12.7552, 11.2391,
17.4292

203.0119,
199.3004, 249.7606

■ 7.3360, 6.2279,
10.3758

246.5703,
243.1279, 302.0097

■ 3.7213, 2.9841,
5.5400

295.9519,

■ 1.5457, 1.1235,

292.9512, 361.0803

2.5032

351.5223,
349.1546, 427.3909

■ 0.3566, 0.0000,
0.8419

■ 0.0000, 0.0000,
0.0000

■ 59.7835, 56.6463,
76.1895

■ 59.7835, 56.6463,
76.1895

■ 54.3139, 47.2527,
74.6655

■ 66.0051, 67.5081,
77.9590

■ 49.5584, 39.2548,
73.3724

■ 73.0044, 79.8919,
79.9804

■ 45.4837, 32.5848,
72.2997

■ 80.3940, 93.0220,
82.1253

■ 42.0514, 27.1664,
71.4347

■ 81.5281, 93.6066,
82.1784

■ 39.2194, 22.9155,
70.7635

■ 82.6856, 94.2034,
82.2325

■ 36.9403, 19.7375,
70.2702

■ 83.8667, 94.8122,
82.2878

■ 35.1594, 17.5232,
69.9367

■ 85.0714, 95.4333,
82.3442

■ 33.8099, 16.1395,
69.7407

■ 86.3000, 96.0667,
82.4017

■ 33.1444, 15.5789,
69.6676

■ 87.5525, 96.7123,
82.4603

Harmonies

Analogous

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



56.4939, 56.6463, 83.8048



59.7835, 56.6463, 76.1895



61.5033, 56.6463, 65.2224

Triad

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



59.7835, 56.6463, 76.1895



55.0643, 56.6463, 42.9875



47.1842, 56.6463, 69.4618

Complementary

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



59.7835, 56.6463, 76.1895



57.6584, 67.0342, 58.6180

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.



46.8424, 56.6463, 58.2648



59.7835, 56.6463, 76.1895



51.2717, 56.6463, 43.8353

Square

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



59.7835, 56.6463, 76.1895



58.6941, 56.6463, 46.6643



48.3052, 56.6463, 49.1374



49.2623, 56.6463, 79.6097

Rectangle

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



59.7835, 56.6463, 76.1895



61.4745, 56.6463, 57.8533



48.3052, 56.6463, 49.1374



46.8664, 56.6463, 65.6681

Sweetspot

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



59.7852, 56.6487, 76.1907



91.2792, 93.3532, 107.8158



53.8412, 55.2752, 76.2389



19.3899, 19.7221, 23.0347



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.



59.7852, 56.6487, 76.1907



80.2202, 74.0900, 104.6805



59.9501, 56.8880, 69.2315



13.3974, 13.1630, 16.4867



19.3347, 9.0916, 40.4742



1.3089, 0.6180, 2.6248

Inverse Universe

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



58.0845, 56.1417, 59.4075



77.4352, 73.2678, 76.8320



57.5580, 66.8472, 64.7195



13.1413, 13.0856, 14.0052



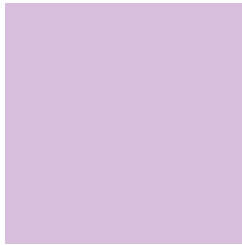
17.5314, 9.0136, 1.9125



1.1628, 0.5947, 0.2661

Previews

White Background



This preview shows how the XYZ color 59.7835, 56.6463, 76.1895 looks on a white background.

Color Contrast Check

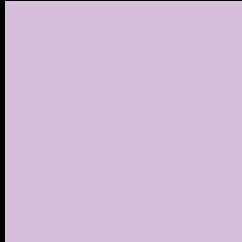
Large Text (above 18pt) WCAG AA × Fail

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 59.7835, 56.6463, 76.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

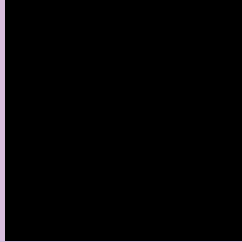
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7835, 56.6463, 76.1895

Background



This preview shows how black text looks on a background with the XYZ color 59.7835, 56.6463, 76.1895.



This preview shows how white text looks on a background with the XYZ color 59.7835, 56.6463,

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

59.7835, 56.6463, 76.1895

Protanopia

55.8050, 56.8381, 79.2638

Deuteranopia

58.0007, 56.7171, 75.6007



Tritanopia

57.8437, 56.5004, 66.8885

Trichromacy



Original Color

59.7835, 56.6463, 76.1895

Protanomaly

57.1035, 56.5219, 78.4212

Deuteranomaly

58.6319, 56.7155, 75.5671

Tritanomaly

58.5388, 56.4621, 70.1003

Monochromacy



Original Color

59.7835, 56.6463, 76.1895

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.8050, 57.6084, 67.8001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7835, 56.6463, 76.1895 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(216, 190, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 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(216, 190, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.7835, 56.6463, 76.1895 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(216, 190, 221) }
```


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

```
.border{ border-color:rgb(216, 190, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7835, 56.6463, 76.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 221) }
```

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

```
.background{ background-color: rgb(216,  
190, 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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