

Converting Colors

XYZ(10.5590, 4.7187, 35.0986)

Have a look what the booklet for
XYZ(10.5590, 4.7187, 35.0986)
contains.

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Color

**XYZ(10.5739, 4.7357,
35.0071)**

Conversions

Conversions Part 1

Format	Color
Hex	5703A3
RGB	87, 3, 163
RGB Percent	34%, 1%, 64%
CMY	0.6588, 0.9882, 0.3608
CMYK	0.47, 0.98, 0.00, 0.36
HSL	272°, 96%, 33%
HSV	272°, 98%, 64%
XYZ	10.5739, 4.7357, 35.0071
YIQ	46.3560, -1.2960, 67.5680

Conversions

Conversions Part 2

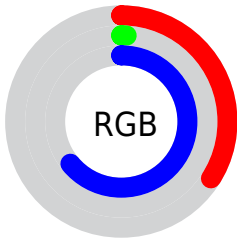
Format	Color
R_{YB}	87, 3, 163
Decimal	5702563
CIE Lab	25.97, 59.58, -64.65
CIE LCh	26, 87.918, 312.660
Yxy	4.7357, 0.2101, 0.0941
Android (android.graphics.Color)	4283892643 (0xFF5703A3)
YUV	46.3560, 57.5055, 35.6448
Hunter-Lab	21.7617, 48.6495, -80.1442

Details

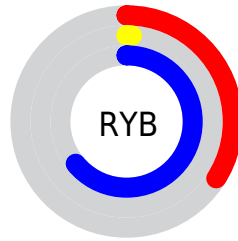
The XYZ color **10.5739, 4.7357, 35.0071** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **16.3376, 27.8630, 4.6031**, and the grayscale version is **2.5761, 2.7102, 2.9514**.

A 20% lighter version of the original color is **26.5304, 15.2685, 68.5666**, and **3.1030, 1.2745, 14.8343** is the 20% darker color. If you saturate the color by 10%, you get **10.4101, 4.6029, 34.9902**, and if you desaturate by 10%, it is **11.5417, 5.5395, 35.1114**.

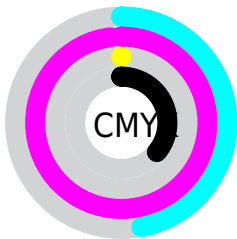
Distribution



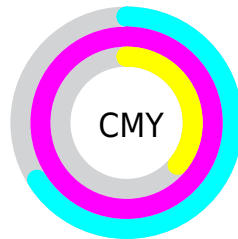
- Red (34%)
- Green (1%)
- Blue (64%)



- Red (34%)
- Yellow (1%)
- Blue (64%)



- Cyan (47%)
- Magenta (98%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (99%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5739, 4.7357, 35.0071 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 10.5739, 4.7357, 35.0071 by changing the saturation by 10% instead.

■ 10.5739, 4.7357,
35.0071

■ 10.5739, 4.7357,
35.0071

188.6897,
147.2424, 339.5049

■ 5.8463, 2.0930,
23.3847

■ 26.5095, 15.2451,
68.6485

■ 2.7916, 0.6607,
14.6699

■ 38.4482, 23.8807,
91.5046

■ 1.0445, 0.0000,
8.4440

■ 53.5212, 35.2826,
118.9423

■ 0.0000, 0.0000,
4.2885

■ 72.0940, 49.8354,
151.3803

■ 0.0000, 0.0000,
1.7849

■ 94.5319, 67.9234,
189.2370

■ 0.0000, 0.0000,
0.4180


■ 121.2003, 89.9309,


■ 0.0000, 0.0000,


232.9309

0.0000

 152.4644,
116.2425, 282.8807

 10.5739, 4.7357,
35.0071


 10.5739, 4.7357,
35.0071


 10.4101, 4.6029,
34.9902

 11.5417, 5.5395,
35.1114

 12.7645, 6.7352,
35.2777

 14.2933, 8.4209,
35.5225

 16.1573, 10.6520,
35.8549

 18.3819, 13.4763,
36.2828

■ 20.9899, 16.9361,
36.8132

■ 24.0017, 21.0697,
37.4523

■ 27.4363, 25.9123,
38.2060

■ 31.3116, 31.4967,
39.0796

Harmonies

Analogous

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



6.0981, 4.7357, 53.8262



10.5739, 4.7357, 35.0071



14.1215, 4.7357, 13.0318

Triad

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



10.5739, 4.7357, 35.0071



6.7542, 4.7357, 0.0000



0.6384, 4.7357, 10.4699

Complementary

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



10.5739, 4.7357, 35.0071



16.3376, 27.8630, 4.6031

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.



0.6837, 4.7357, 1.3382



10.5739, 4.7357, 35.0071



3.2106, 4.7357, 0.0000

Square

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



10.5739, 4.7357, 35.0071



11.2578, 4.7357, 0.0000



1.3578, 4.7357, 0.0000



1.1943, 4.7357, 31.2581

Rectangle

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



10.5739, 4.7357, 35.0071



14.7547, 4.7357, 4.3324



1.3578, 4.7357, 0.0000



0.5885, 4.7357, 6.0787

Sweetspot

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



10.5742, 4.7358, 35.0072



42.1983, 36.6410, 66.9044



9.5414, 8.4497, 35.7785



8.9735, 7.5345, 14.9189



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.5742, 4.7358, 35.0072



18.4105, 8.1233, 62.6537



21.5112, 10.4014, 34.2848



7.0387, 7.0343, 8.8898



8.1433, 3.6045, 27.1963



0.2253, 0.1037, 0.5740

Inverse Universe

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



16.5479, 8.4160, 8.1483



29.3765, 14.8754, 13.5138



13.1658, 26.2262, 4.5309



7.2073, 7.1394, 8.0779



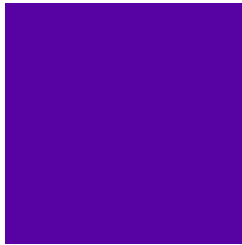
12.8142, 6.4817, 6.2120



0.2931, 0.1457, 0.2561

Previews

White Background



This preview shows how the XYZ color 10.5739, 4.7357, 35.0071 looks on a white background.

Color Contrast Check

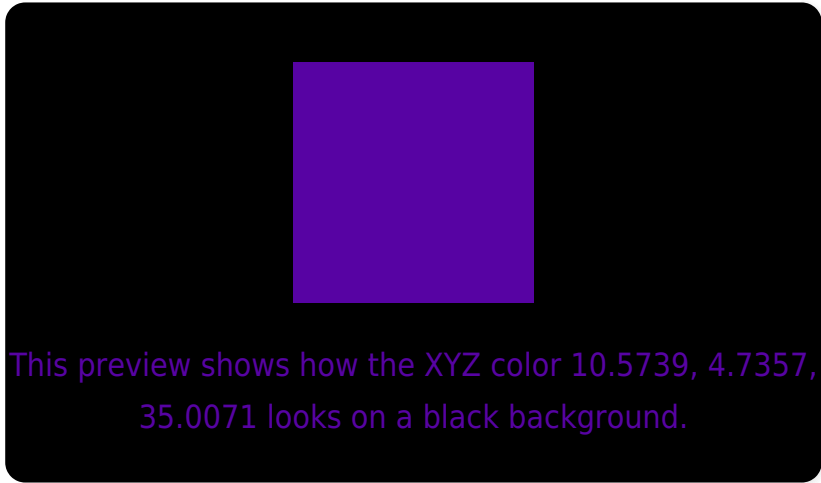
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

XYZ 10.5739, 4.7357, 35.0071

Background



This preview shows how black text looks on a background with the XYZ color 10.5739, 4.7357, 35.0071.



This preview shows how white text looks on a background with the XYZ color 10.5739, 4.7357,

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

10.5739, 4.7357, 35.0071

Protanopia

5.7519, 5.0570, 21.7920

Deuteranopia

4.8175, 5.0441, 15.7586



Tritanopia

4.9575, 5.1532, 6.3636

Trichromacy



Original Color

10.5739, 4.7357, 35.0071

Protanomaly

6.2711, 3.8459, 26.0030

Deuteranomaly

5.4888, 3.6465, 21.5337

Tritanomaly

5.9486, 4.0129, 13.2930

Monochromacy



Original Color

10.5739, 4.7357, 35.0071

Achromatopsia

2.5969, 2.7321, 2.9752

Achromatomaly

4.1919, 2.6419, 9.7402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5739, 4.7357, 35.0071 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(87, 3, 163)` looks like.

```
.text, #text, p{  
    color:rgb(87, 3, 163)  
}
```

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(87, 3, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 3, 163) }
```

Border

The CSS property to change the border of an element to XYZ 10.5739, 4.7357, 35.0071 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(87, 3, 163) }
```


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

```
.border{ border-color:rgb(87, 3, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 3, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 3, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 3, 163);  
box-shadow:4px 4px 4px 4px rgb(87, 3, 163)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5739, 4.7357, 35.0071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 3, 163) }
```

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

```
.background{ background-color: rgb(87, 3,  
163) }
```

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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