

Converting Colors

XYZ(10.8818, 5.6345, 31.5248)

Have a look what the booklet for
XYZ(10.8818, 5.6345, 31.5248)
contains.

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Color

**XYZ(10.9206, 5.6737,
31.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1F9B
RGB	93, 31, 155
RGB Percent	36%, 12%, 61%
CMY	0.6353, 0.8784, 0.3922
CMYK	0.40, 0.80, 0.00, 0.39
HSL	270°, 67%, 36%
HSV	270°, 80%, 61%
XYZ	10.9206, 5.6737, 31.5299
YIQ	63.6740, -2.8520, 51.7080

Conversions

Conversions Part 2

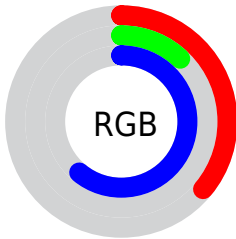
Format	Color
R_{YB}	93, 31, 155
Decimal	6102939
CIE _{Lab}	28.57, 50.95, -55.47
CIE _{LCh}	29, 75.312, 312.568
Yxy	5.6737, 0.2269, 0.1179
Android (android.graphics.Color)	4284293019 (0xFF5D1F9B)
YUV	63.6740, 45.0237, 25.7189
Hunter-Lab	23.8195, 40.1532, -61.8085

Details

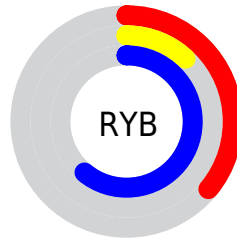
The XYZ color **10.9206, 5.6737, 31.5299** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **16.4827, 25.8688, 5.4208**, and the grayscale version is **4.7602, 5.0081, 5.4538**.

A 20% lighter version of the original color is **27.1205, 17.2292, 62.8689**, and **3.1413, 1.3366, 12.9244** is the 20% darker color. If you saturate the color by 10%, you get **9.8637, 4.6657, 31.3912**, and if you desaturate by 10%, it is **12.2522, 7.1123, 31.7375**.

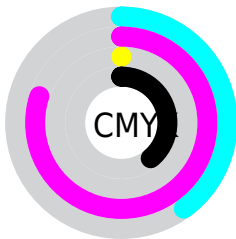
Distribution



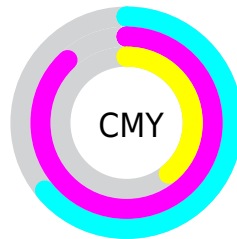
- Red (36%)
- Green (12%)
- Blue (61%)



- Red (36%)
- Yellow (12%)
- Blue (61%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (88%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9206, 5.6737, 31.5299 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 10.9206, 5.6737, 31.5299 by changing the saturation by 10% instead.

10.9206, 5.6737,
31.5299

10.9206, 5.6737,
31.5299

191.0416,
156.1378, 323.3987

6.0804, 2.6477,
20.7408

27.1475, 17.2503,
63.1627

2.9351, 0.9507,
12.7453

39.2649, 26.5696,
84.8435

1.1196, 0.0000,
7.1247

54.5387, 38.7556,
110.9921

0.0414, 0.0000,
3.4606

73.3343, 54.1925,
142.0268

0.0000, 0.0000,
1.3344

96.0170, 73.2648,
178.3663

0.0000, 0.0000,
0.0897

122.9522, 96.3568,

0.0000, 0.0000,

220.4291

0.0000

154.5053,
123.8530, 268.6337

10.9206, 5.6737,
31.5299

10.9206, 5.6737,
31.5299

9.8637, 4.6657,
31.3912

12.2522, 7.1123,
31.7375

9.0178, 3.9654,
31.3006

13.8847, 9.0316,
32.0219

9.0178, 3.9654,
31.3006

15.8415, 11.4750,
32.3904

18.1433, 14.4806,
32.8493

20.8088, 18.0831,
33.4041

■ 23.8555, 22.3143,
34.0602

■ 27.2994, 27.2034,
34.8224

■ 31.1556, 32.7781,
35.6952

■ 35.4384, 39.0643,
36.6828

Harmonies

Analogous

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



6.8936, 5.6737, 46.2660



10.9206, 5.6737, 31.5299



13.9879, 5.6737, 13.3723

Triad

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



10.9206, 5.6737, 31.5299



7.5243, 5.6737, 0.0000



1.2691, 5.6737, 11.0321

Complementary

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



10.9206, 5.6737, 31.5299



16.4827, 25.8688, 5.4208

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.



1.3230, 5.6737, 2.1778



10.9206, 5.6737, 31.5299



4.1271, 5.6737, 0.0000

Square

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



10.9206, 5.6737, 31.5299



11.5412, 5.6737, 0.0000



2.1398, 5.6737, 0.0000



1.9408, 5.6737, 28.4076

Rectangle

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



10.9206, 5.6737, 31.5299



14.5326, 5.6737, 5.3993



2.1398, 5.6737, 0.0000



1.2145, 5.6737, 7.0276

Sweetspot

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



10.9209, 5.6739, 31.5300



40.1982, 36.4338, 60.4500



10.3959, 10.4867, 32.4867



8.6931, 7.6849, 13.5955



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



10.9209, 5.6739, 31.5300



16.4804, 7.4018, 56.0964



19.9240, 10.3152, 31.9514



6.1640, 6.1704, 7.7951



7.2871, 3.2077, 25.1428



0.1508, 0.0696, 0.3778

Inverse Universe

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



15.9833, 8.7389, 11.1998



26.8330, 13.6697, 14.5216



12.5338, 23.8330, 5.2360



6.3311, 6.2716, 7.1238



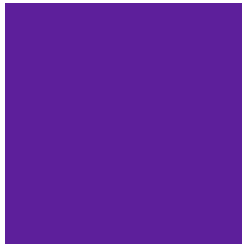
11.9667, 6.0409, 6.3499



0.1972, 0.0976, 0.1915

Previews

White Background



This preview shows how the XYZ color 10.9206, 5.6737, 31.5299 looks on a white background.

Color Contrast Check

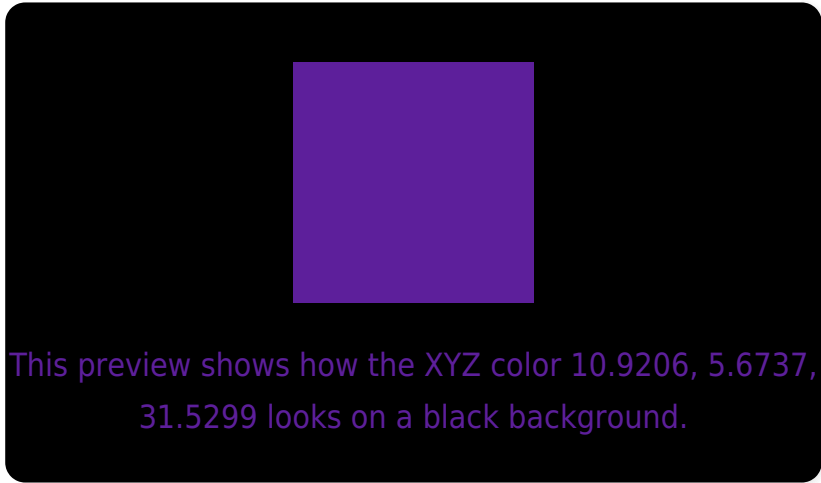
Large Text (above 18pt) WCAG AA ✓ Pass

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

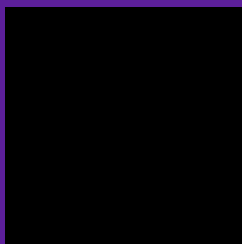
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9206, 5.6737, 31.5299

Background



This preview shows how black text looks on a background with the XYZ color 10.9206, 5.6737, 31.5299.



This preview shows how white text looks on a background with the XYZ color 10.9206, 5.6737,

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

10.9206, 5.6737, 31.5299

Protanopia

6.6084, 5.7605, 25.1897

Deuteranopia

5.5803, 5.7364, 18.5824



Tritanopia

5.9872, 5.8472, 6.7743

Trichromacy



Original Color

10.9206, 5.6737, 31.5299

Protanomaly

7.0436, 4.9306, 27.3685

Deuteranomaly

6.3075, 4.8619, 22.7963

Tritanomaly

7.1511, 5.2994, 13.2163

Monochromacy



Original Color

10.9206, 5.6737, 31.5299

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.2873, 4.8149, 11.9073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9206, 5.6737, 31.5299 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(93, 31, 155)` looks like.

```
.text, #text, p{  
  color:rgb(93, 31, 155)  
}
```

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(93, 31, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 31, 155) }
```

Border

The CSS property to change the border of an element to XYZ 10.9206, 5.6737, 31.5299 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(93, 31, 155) }
```


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

```
.border{ border-color:rgb(93, 31, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 31, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 31, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 31, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 31,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9206, 5.6737, 31.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 31, 155) }
```

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

```
.background{ background-color: rgb(93, 31,  
155) }
```

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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