

Converting Colors

XYZ(13.0594, 6.5538, 8.7583)

Have a look what the booklet for
XYZ(13.0594, 6.5538, 8.7583)
contains.

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Color

**XYZ(13.0629, 6.5538,
8.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	900053
RGB	144, 0, 83
RGB Percent	56%, 0%, 33%
CMY	0.4353, 0.9999, 0.6745
CMYK	0.00, 1.00, 0.42, 0.44
HSL	325°, 100%, 28%
HSV	325°, 100%, 56%
XYZ	13.0629, 6.5538, 8.7601
YIQ	52.5180, 59.1810, 56.3410

Conversions

Conversions Part 2

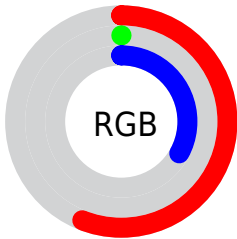
Format	Color
R_{YB}	144, 0, 83
Decimal	9437267
CIE Lab	30.77, 56.44, -5.70
CIE LCh	31, 56.728, 354.229
Yxy	6.5538, 0.4603, 0.2310
Android (android.graphics.Color)	4287627347 (0xFF900053)
YUV	52.5180, 15.0276, 80.2297
Hunter-Lab	25.6004, 46.2810, -2.3679

Details

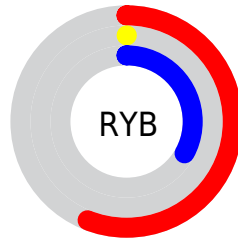
The XYZ color **13.0629, 6.5538, 8.7601** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.8162, 20.2837, 7.7623**, and the grayscale version is **3.3045, 3.4766, 3.7860**.

A 20% lighter version of the original color is **30.9045, 18.9876, 23.8659**, and **4.3744, 2.2146, 2.0306** is the 20% darker color. If you saturate the color by 10%, you get **13.0626, 6.5537, 8.7587**, and if you desaturate by 10%, it is **13.4717, 6.9776, 10.1102**.

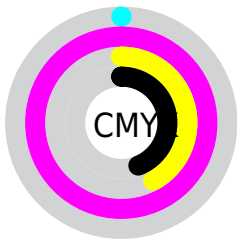
Distribution



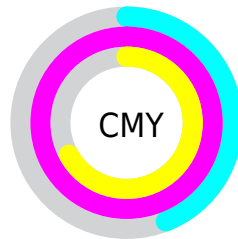
- Red (56%)
- Green (0%)
- Blue (33%)



- Red (56%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0629, 6.5538, 8.7601 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 13.0629, 6.5538, 8.7601 by changing the saturation by 10% instead.

■ 13.0629, 6.5538,
8.7601

■ 13.0629, 6.5538,
8.7601

204.9498,
163.9029, 191.7297

■ 7.5492, 3.1847,
4.4904

■ 31.0171, 19.0698,
24.0059

■ 3.8572, 1.2289,
1.8980

■ 44.1883, 28.9854,
35.8191

■ 1.6217, 0.0851,
0.4915

■ 60.6426, 41.8520,
50.9838

■ 0.4065, 0.0000,
0.0000

■ 80.7456, 58.0539,
69.9186

■ 0.0000, 0.0000,
0.0000

■ 104.8624, 77.9756,
93.0421

■ 133.3585,

102.0013, 120.7727

166.5992,
130.5157, 153.5291

13.0629, 6.5538,
8.7601

13.0629, 6.5538,
8.7601

13.0626, 6.5537,
8.7587

13.4717, 6.9776,
10.1102

14.0112, 7.6290,
11.6086

14.7372, 8.6184,
13.2765

15.6705, 9.9869,
15.1230

16.8291, 11.7698,
17.1566

■ 18.2289, 13.9981,
19.3848

■ 19.8844, 16.6999,
21.8144

■ 21.8086, 19.9009,
24.4519

■ 24.0140, 23.6251,
27.3036

Harmonies

Analogous

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



11.5443, 6.5538, 20.0565



13.0629, 6.5538, 8.7601



12.3606, 6.5538, 2.5680

Triad

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



13.0629, 6.5538, 8.7601



4.3107, 6.5538, 0.0922



3.6331, 6.5538, 27.6577

Complementary

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



13.0629, 6.5538, 8.7601



10.8162, 20.2837, 7.7623

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.



2.5590, 6.5538, 15.2727



13.0629, 6.5538, 8.7601



2.8625, 6.5538, 1.4564

Square

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



13.0629, 6.5538, 8.7601



6.7731, 6.5538, 0.0000



2.3252, 6.5538, 5.7261



5.7152, 6.5538, 35.0557

Rectangle

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



13.0629, 6.5538, 8.7601



10.8083, 6.5538, 0.9424



2.3252, 6.5538, 5.7261



3.1697, 6.5538, 23.6395

Sweetspot

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



13.0631, 6.5542, 8.7602



34.8747, 29.1305, 38.1962



6.8983, 2.9749, 26.5961



7.7346, 6.2489, 8.3802



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.0631, 6.5542, 8.7602



22.9551, 11.5255, 15.0036



11.5682, 5.9562, 0.8883



5.5309, 5.4729, 6.2939



11.3871, 5.7119, 7.6898



0.1199, 0.0590, 0.1317

Inverse Universe

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



13.0631, 6.5542, 8.7602



22.9551, 11.5255, 15.0036



14.1384, 21.6125, 25.2567



5.5309, 5.4729, 6.2939



11.3871, 5.7119, 7.6898



0.1199, 0.0590, 0.1317

Previews

White Background



This preview shows how the XYZ color 13.0629, 6.5538, 8.7601 looks on a white background.

Color Contrast Check

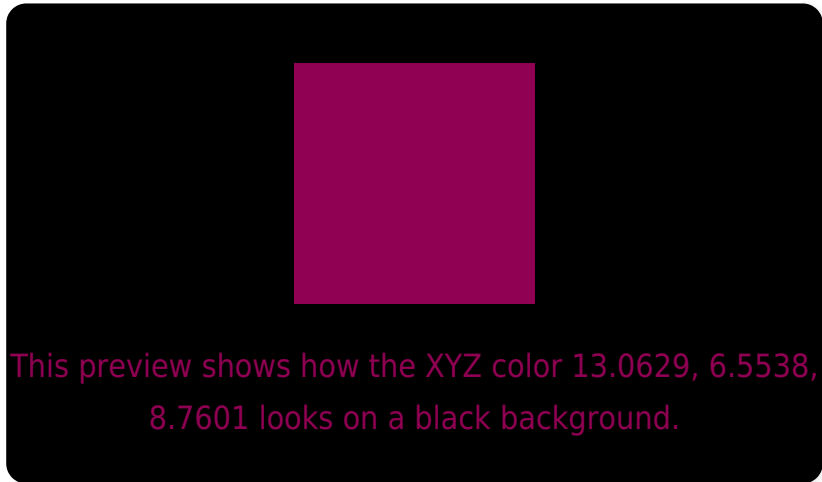
Large Text (above 18pt) WCAG AA ✓ Pass

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

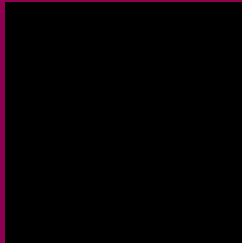
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0629, 6.5538, 8.7601

Background



This preview shows how black text looks on a background with the XYZ color 13.0629, 6.5538, 8.7601.



This preview shows how white text looks on a background with the XYZ color 13.0629, 6.5538,

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

13.0629, 6.5538, 8.7601

Protanopia

7.5822, 7.1593, 18.4350

Deuteranopia

7.2018, 7.0947, 8.0110



Tritanopia

11.8171, 6.8659, 2.2158

Trichromacy



Original Color

13.0629, 6.5538, 8.7601

Protanomaly

7.8345, 5.2473, 14.2356

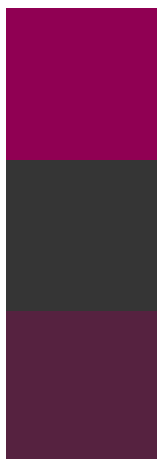
Deuteranomaly

8.2140, 5.5218, 8.0300

Tritanomaly

12.0433, 6.5350, 3.8754

Monochromacy



Original Color

13.0629, 6.5538, 8.7601

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.3352, 3.4927, 5.2434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0629, 6.5538, 8.7601 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(144, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 83)  
}
```

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(144, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 83) }
```

Border

The CSS property to change the border of an element to XYZ 13.0629, 6.5538, 8.7601 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(144, 0, 83) }
```


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

```
.border{ border-color:rgb(144, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(144, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.0629, 6.5538, 8.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 83) }
```

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

```
.background{ background-color: rgb(144, 0,  
83) }
```

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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