

Converting Colors

XYZ(13.0608, 6.7553, 17.9592)

Have a look what the booklet for
XYZ(13.0608, 6.7553, 17.9592)
contains.

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Color

**XYZ(13.1137, 6.7738,
18.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	841577
RGB	132, 21, 119
RGB Percent	52%, 8%, 47%
CMY	0.4823, 0.9176, 0.5333
CMYK	0.00, 0.84, 0.10, 0.48
HSL	307°, 73%, 30%
HSV	307°, 84%, 52%
XYZ	13.1137, 6.7738, 18.0691
YIQ	65.3610, 34.6980, 54.0100

Conversions

Conversions Part 2

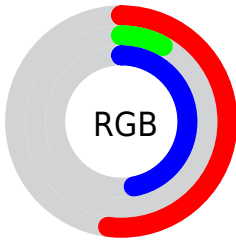
Format	Color
R_{YB}	132, 21, 119
Decimal	8656247
CIE _{Lab}	31.29, 54.54, -28.38
CIE _{LCh}	31, 61.485, 332.513
Yxy	6.7738, 0.3455, 0.1785
Android (android.graphics.Color)	4286846327 (0xFF841577)
YUV	65.3610, 26.4440, 58.4424
Hunter-Lab	26.0265, 44.3924, -22.9439

Details

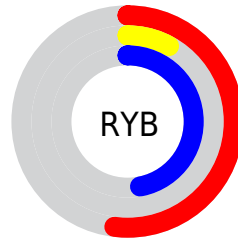
The XYZ color **13.1137, 6.7738, 18.0691** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **8.8496, 16.7778, 4.2860**, and the grayscale version is **5.0374, 5.2997, 5.7714**.

A 20% lighter version of the original color is **31.1279, 19.5548, 41.1636**, and **4.2474, 2.0619, 5.9685** is the 20% darker color. If you saturate the color by 10%, you get **12.8383, 6.3702, 17.5229**, and if you desaturate by 10%, it is **13.5173, 7.4309, 18.6656**.

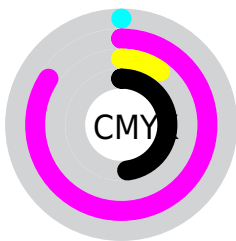
Distribution



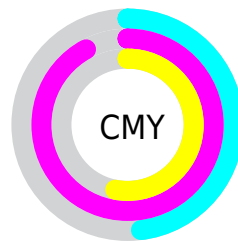
- Red (52%)
- Green (8%)
- Blue (47%)



- Red (52%)
- Yellow (8%)
- Blue (47%)



- Cyan (0%)
- Magenta (84%)
- Yellow (10%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1137, 6.7738, 18.0691 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 13.1137, 6.7738, 18.0691 by changing the saturation by 10% instead.

■ 13.1137, 6.7738,
18.0691

■ 13.1137, 6.7738,
18.0691

205.2680,
165.7707, 253.5094

■ 7.5844, 3.3210,
10.8297

■ 31.1075, 19.5167,
40.9706

■ 3.8798, 1.3015,
5.8397

■ 44.3027, 29.5756,
57.4697

■ 1.6343, 0.1424,
2.6806

■ 60.7839, 42.6054,
77.8924

■ 0.4146, 0.0000,
0.9337

■ 80.9166, 58.9904,
102.6573

■ 0.0000, 0.0000,
0.0000

■ 105.0659, 79.1150,
132.1829

■ 133.5974,

103.3637, 166.8878

166.8763,
132.1208, 207.1904

13.1137, 6.7738,
18.0691

13.1137, 6.7738,
18.0691

12.8383, 6.3702,
17.5229

13.5173, 7.4309,
18.6656

12.6997, 6.1792,
17.2114

14.0673, 8.3788,
19.3183

14.7790, 9.6475,
20.0324

15.6653, 11.2630,
20.8123

16.7379, 13.2486,
21.6619

■ 18.0076, 15.6257,
22.5848

■ 19.4840, 18.4141,
23.5843

■ 21.1765, 21.6321,
24.6634

■ 23.0937, 25.2969,
25.8253

Harmonies

Analogous

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



10.1052, 6.7738, 32.2927



13.1137, 6.7738, 18.0691



14.1897, 6.7738, 6.6678

Triad

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



13.1137, 6.7738, 18.0691



6.1862, 6.7738, 0.0000



2.6688, 6.7738, 20.4713

Complementary

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



13.1137, 6.7738, 18.0691



8.8496, 16.7778, 4.2860

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.



2.1954, 6.7738, 8.1316



13.1137, 6.7738, 18.0691



3.7869, 6.7738, 0.1464

Square

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



13.1137, 6.7738, 18.0691



9.5193, 6.7738, 0.0000



2.5293, 6.7738, 2.0435



4.1061, 6.7738, 34.2907

Rectangle

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



13.1137, 6.7738, 18.0691



13.4601, 6.7738, 2.6536



2.5293, 6.7738, 2.0435



2.4164, 6.7738, 15.7873

Sweetspot

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



13.1139, 6.7741, 18.0692



31.3680, 26.8629, 39.5347



5.0915, 2.5419, 22.0524



7.1415, 5.9510, 9.0888



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.1139, 6.7741, 18.0692



22.3347, 10.8702, 30.1305



10.6970, 5.8073, 5.3415



4.8350, 4.7537, 5.7436



12.2976, 5.9834, 16.6714



0.0443, 0.0214, 0.0664

Inverse Universe

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



13.1139, 6.7741, 18.0692



22.3347, 10.8702, 30.1305



10.3831, 17.3912, 12.3609



4.8350, 4.7537, 5.7436



12.2976, 5.9834, 16.6714



0.0443, 0.0214, 0.0664

Previews

White Background



This preview shows how the XYZ color 13.1137, 6.7738, 18.0691 looks on a white background.

Color Contrast Check

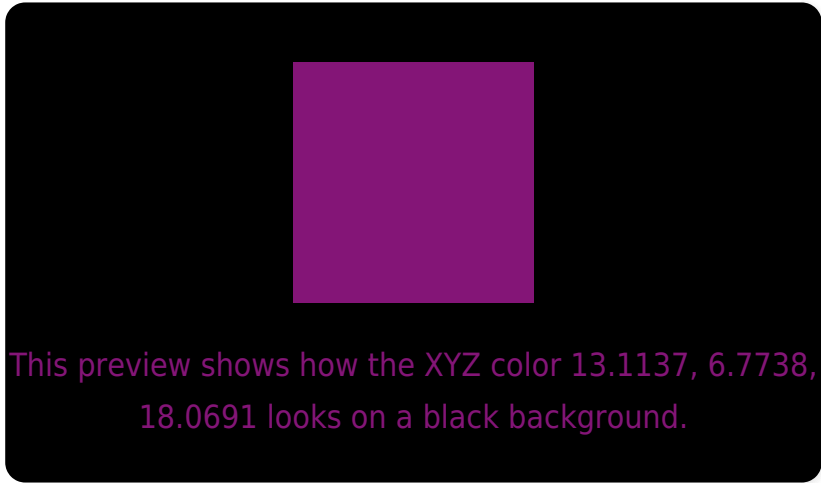
Large Text (above 18pt) WCAG AA ✓ Pass

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

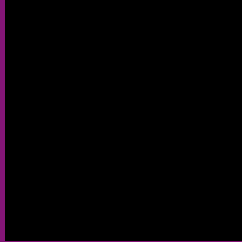
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.1137, 6.7738, 18.0691

Background



This preview shows how black text looks on a background with the XYZ color 13.1137, 6.7738, 18.0691.



This preview shows how white text looks on a background with the XYZ color 13.1137, 6.7738,

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

13.1137, 6.7738, 18.0691

Deuteranopia

7.2443, 7.1318, 16.3240

Tritanopia

10.3874, 6.9739, 4.1668

Trichromacy



Original Color

13.1137, 6.7738, 18.0691

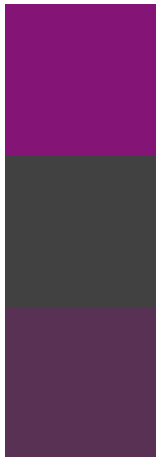
Deuteranomaly

8.2985, 5.9486, 16.9305

Tritanomaly

10.9672, 6.5761, 7.7125

Monochromacy



Original Color

13.1137, 6.7738, 18.0691

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

6.8578, 4.9763, 9.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1137, 6.7738, 18.0691 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(132, 21, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 21, 119)  
}
```

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(132, 21, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 21, 119) }
```

Border

The CSS property to change the border of an element to XYZ 13.1137, 6.7738, 18.0691 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(132, 21, 119) }
```

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

```
.border{ border-color:rgb(132, 21, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 21, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 21, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 21, 119); box-shadow:4px 4px 4px 4px rgb(132, 21, 119) }
```


Background

The CSS property to change the background color of an element to XYZ 13.1137, 6.7738, 18.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 21, 119) }
```

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

```
.background{ background-color: rgb(132, 21,  
119) }
```

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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