

Converting Colors

XYZ(13.2211, 6.5930, 10.6812)

Have a look what the booklet for
XYZ(13.2211, 6.5930, 10.6812)
contains.

XYZ(13.2595, 6.6123, 10.7027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.2595, 6.6123,
10.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	8F005C
RGB	143, 0, 92
RGB Percent	56%, 0%, 36%
CMY	0.4392, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.36, 0.44
HSL	321°, 100%, 28%
HSV	321°, 100%, 56%
XYZ	13.2595, 6.6123, 10.7027
YIQ	53.2450, 55.6960, 58.9280

Conversions

Conversions Part 2

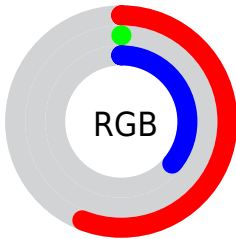
Format	Color
R_{YB}	143, 0, 92
Decimal	9371740
CIE _{Lab}	30.91, 57.13, -11.43
CIE _{LCh}	31, 58.262, 348.690
Yxy	6.6123, 0.4337, 0.2163
Android (android.graphics.Color)	4287561820 (0xFF8F005C)
YUV	53.2450, 19.1062, 78.7151
Hunter-Lab	25.7144, 47.0425, -6.6773

Details

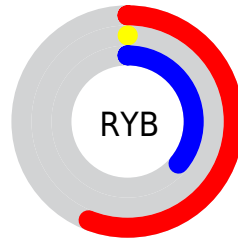
The XYZ color **13.2595, 6.6123, 10.7027** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.4205, 19.8843, 6.4223**, and the grayscale version is **3.3873, 3.5637, 3.8808**.

A 20% lighter version of the original color is **31.3524, 19.1356, 27.6323**, and **4.4236, 2.2235, 2.7808** is the 20% darker color. If you saturate the color by 10%, you get **13.2594, 6.6123, 10.7017**, and if you desaturate by 10%, it is **13.6514, 7.0272, 11.9708**.

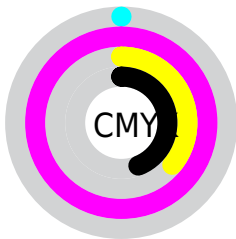
Distribution



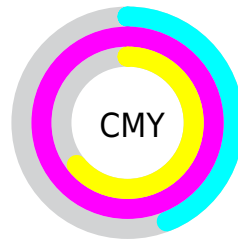
- Red (56%)
- Green (0%)
- Blue (36%)



- Red (56%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2595, 6.6123, 10.7027 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 13.2595, 6.6123, 10.7027 by changing the saturation by 10% instead.

13.2595, 6.6123,
10.7027

13.2595, 6.6123,
10.7027

206.1783,
164.4022, 206.2801

7.6857, 3.2208,
5.7556

31.3666, 19.1889,
27.7373

3.9446, 1.2481,
2.6307

44.6306, 29.1428,
40.6619

1.6708, 0.1005,
0.9082

61.1887, 42.0531,
57.0828

0.4379, 0.0000,
0.0000

81.4062, 58.3040,
77.4185

0.0000, 0.0000,
0.0000

105.6486, 78.2799,
102.0875

134.2812,

102.3654, 131.5084


 167.6693,
130.9447, 166.0997

 13.2595, 6.6123,
10.7027

 13.2595, 6.6123,
10.7027


 13.2594, 6.6123,
10.7017

 13.6514, 7.0272,
11.9708

 14.1660, 7.6629,
13.3552

 14.8582, 8.6290,
14.8758

 15.7485, 9.9659,
16.5405

 16.8543, 11.7079,
18.3565

■ 18.1910, 13.8856,
20.3303

■ 19.7726, 16.5264,
22.4677

■ 21.6119, 19.6558,
24.7743

■ 23.7208, 23.2969,
27.2551

Harmonies

Analogous

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



11.3129, 6.6123, 23.1304



13.2595, 6.6123, 10.7027



12.9640, 6.6123, 3.2760

Triad

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



13.2595, 6.6123, 10.7027



4.6996, 6.6123, 0.0000



3.3372, 6.6123, 26.3528

Complementary

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



13.2595, 6.6123, 10.7027



10.4205, 19.8843, 6.4223

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.



2.4152, 6.6123, 13.4254



13.2595, 6.6123, 10.7027



3.0234, 6.6123, 1.0385

Square

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



13.2595, 6.6123, 10.7027



7.4117, 6.6123, 0.0000



2.3208, 6.6123, 4.5589



5.2783, 6.6123, 35.7735

Rectangle

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



13.2595, 6.6123, 10.7027



11.5509, 6.6123, 1.1957



2.3208, 6.6123, 4.5589



2.9264, 6.6123, 21.9638

Sweetspot

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



13.2597, 6.6127, 10.7028



35.2136, 29.2661, 39.9808



6.2764, 2.6631, 26.1700



7.8201, 6.2831, 8.8302



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.



13.2597, 6.6127, 10.7028



23.6615, 11.8080, 18.7235



11.4676, 5.8958, 1.2657



5.5457, 5.4788, 6.3716



11.7339, 5.8506, 9.5160



0.1227, 0.0602, 0.1465

Inverse Universe

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



13.2597, 6.6127, 10.7028



23.6615, 11.8080, 18.7235



13.3079, 21.0392, 21.6268



5.5457, 5.4788, 6.3716



11.7339, 5.8506, 9.5160



0.1227, 0.0602, 0.1465

Previews

White Background



This preview shows how the XYZ color 13.2595, 6.6123, 10.7027 looks on a white background.

Color Contrast Check

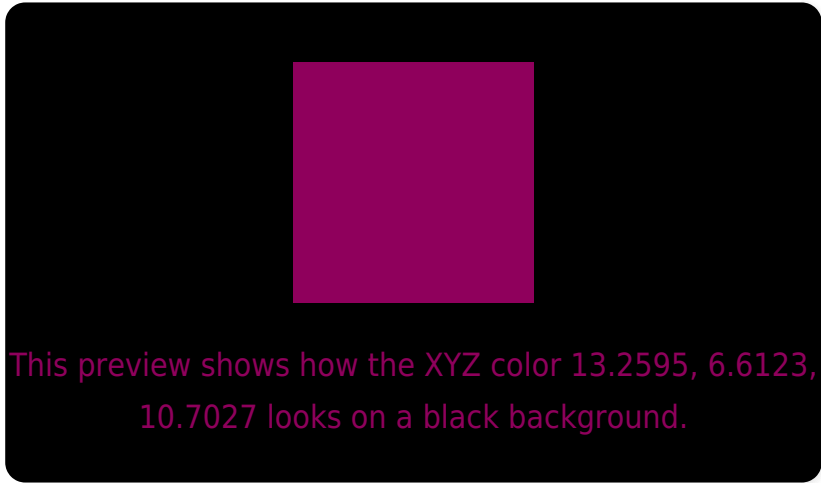
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2595, 6.6123, 10.7027

Background



This preview shows how black text looks on a background with the XYZ color 13.2595, 6.6123, 10.7027.



This preview shows how white text looks on a background with the XYZ color 13.2595, 6.6123,

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

13.2595, 6.6123, 10.7027

Protanopia

7.9789, 7.2673, 22.8120

Deuteranopia

7.3529, 7.2317, 9.8124



Tritanopia

11.7959, 6.9771, 2.5587

Trichromacy



Original Color

13.2595, 6.6123, 10.7027

Protanomaly

7.8836, 5.2022, 17.4182

Deuteranomaly

8.2575, 5.5624, 9.8710

Tritanomaly

12.0546, 6.5810, 4.6379

Monochromacy



Original Color

13.2595, 6.6123, 10.7027

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.4229, 3.5277, 5.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2595, 6.6123, 10.7027 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(143, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 92)  
}
```

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(143, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.2595, 6.6123, 10.7027 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(143, 0, 92) }
```


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

```
.border{ border-color:rgb(143, 0, 92) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(143, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.2595, 6.6123, 10.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 92) }
```

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

```
.background{ background-color: rgb(143, 0,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor