

Converting Colors

XYZ(13.3200, 6.9893, 10.7723)

Have a look what the booklet for
XYZ(13.3200, 6.9893, 10.7723)
contains.

XYZ(13.3200, 6.9892, 10.7722)	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(13.3200, 6.9892,
10.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	8E135C
RGB	142, 19, 92
RGB Percent	56%, 7%, 36%
CMY	0.4431, 0.9255, 0.6392
CMYK	0.00, 0.87, 0.35, 0.44
HSL	324°, 76%, 32%
HSV	324°, 87%, 56%
XYZ	13.3200, 6.9892, 10.7722
YIQ	64.0990, 49.8750, 48.7790

Conversions

Conversions Part 2

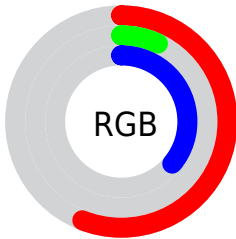
Format	Color
R_{YB}	142, 19, 92
Decimal	9311068
CIE _{Lab}	31.78, 53.75, -10.12
CIE _{LCh}	32, 54.698, 349.341
Yxy	6.9892, 0.4286, 0.2249
Android (android.graphics.Color)	4287501148 (0xFF8E135C)
YUV	64.0990, 13.7552, 68.3192
Hunter-Lab	26.4371, 43.6701, -5.6527

Details

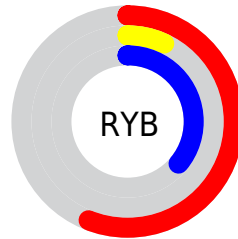
The XYZ color **13.3200, 6.9892, 10.7722** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.0163, 19.9145, 8.8950**, and the grayscale version is **4.8635, 5.1168, 5.5722**.

A 20% lighter version of the original color is **31.3043, 19.8324, 27.7693**, and **4.4236, 2.2235, 2.7808** is the 20% darker color. If you saturate the color by 10%, you get **12.8965, 6.5308, 9.4330**, and if you desaturate by 10%, it is **13.8990, 7.7277, 12.2582**.

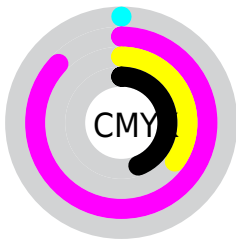
Distribution



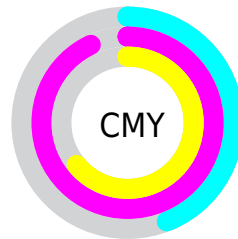
- Red (56%)
- Green (7%)
- Blue (36%)



- Red (56%)
- Yellow (7%)
- Blue (36%)



- Cyan (0%)
- Magenta (87%)
- Yellow (35%)
- Black (44%)





- Cyan (44%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3200, 6.9892, 10.7722 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 13.3200, 6.9892, 10.7722 by changing the saturation by 10% instead.


 13.3200, 6.9892,
10.7722


 13.3200, 6.9892,
10.7722


206.5549,
167.5739, 206.7790


 7.7278, 3.4553,
5.8016


 31.4739, 19.9515,
27.8683


 3.9716, 1.3738,
2.6580

 44.7664, 30.1487,
40.8310

 1.6861, 0.1973,
0.9222

 61.3563, 43.3358,
57.2947

 0.4475, 0.0000,
0.0000

 81.6089, 59.8973,
77.6781

 0.0000, 0.0000,
0.0000

 105.8898, 80.2174,
102.3997

 134.5642,

104.6806, 131.8780

167.9974,
133.6713, 166.5316

13.3200, 6.9892,
10.7722

13.3200, 6.9892,
10.7722

12.8965, 6.5308,
9.4330

13.8990, 7.7277,
12.2582

12.7663, 6.3952,
9.0051

14.6640, 8.8070,
13.9031

15.6344, 10.2647,
15.7154

16.8265, 12.1334,
17.7024

18.2552, 14.4419,
19.8709

■ 19.9340, 17.2165,
22.2274

■ 21.8751, 20.4815,
24.7775

■ 24.0903, 24.2594,
27.5270

■ 26.5902, 28.5713,
30.4811

Harmonies

Analogous

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



11.5212, 6.9892, 22.3748



13.3200, 6.9892, 10.7722



12.9930, 6.9892, 3.6129

Triad

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



13.3200, 6.9892, 10.7722



5.0398, 6.9892, 0.2228



3.7568, 6.9892, 25.8725

Complementary

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



13.3200, 6.9892, 10.7722



11.0163, 19.9145, 8.8950

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.



2.7959, 6.9892, 13.8148



13.3200, 6.9892, 10.7722



3.3826, 6.9892, 1.3902

Square

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



13.3200, 6.9892, 10.7722



7.6709, 6.9892, 0.0729



2.6811, 6.9892, 5.1365



5.7113, 6.9892, 34.3399

Rectangle

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



13.3200, 6.9892, 10.7722



11.6346, 6.9892, 1.4780



2.6811, 6.9892, 5.1365



3.3329, 6.9892, 21.8308

Sweetspot

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



13.3202, 6.9896, 10.7723



35.1748, 30.3984, 39.2273



7.5138, 3.6554, 25.9009



7.6467, 6.4406, 8.4744



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.3202, 6.9896, 10.7723



22.4296, 11.2443, 15.4449



11.6398, 6.3174, 1.9236



5.5347, 5.4744, 6.3137



11.4714, 5.7456, 8.1339



0.1206, 0.0593, 0.1355

Inverse Universe

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



13.3202, 6.9896, 10.7723



22.4296, 11.2443, 15.4449



13.9510, 21.0884, 24.3493



5.5347, 5.4744, 6.3137



11.4714, 5.7456, 8.1339



0.1206, 0.0593, 0.1355

Previews

White Background



This preview shows how the XYZ color 13.3200, 6.9892, 10.7722 looks on a white background.

Color Contrast Check

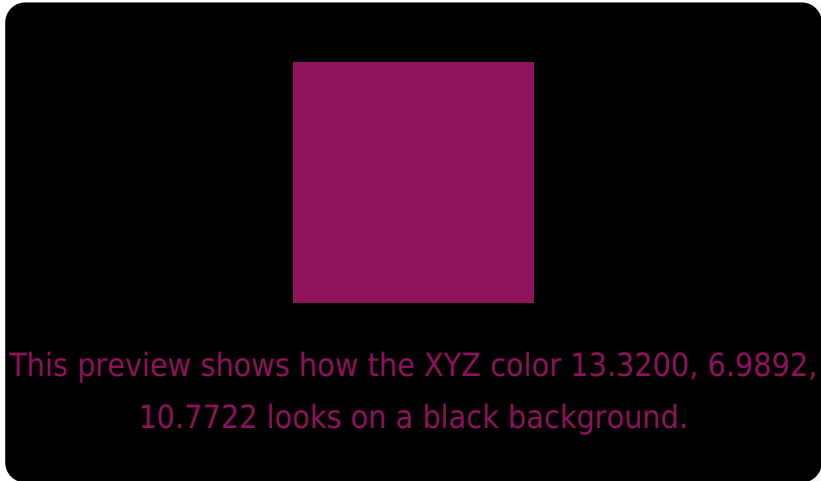
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.3200, 6.9892, 10.7722

Background



This preview shows how black text looks on a background with the XYZ color 13.3200, 6.9892, 10.7722.



This preview shows how white text looks on a background with the XYZ color 13.3200, 6.9892,

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

13.3200, 6.9892, 10.7722

Protanopia

7.9879, 7.4029, 21.4300

Deuteranopia

7.5041, 7.4095, 9.8388



Tritanopia

11.8065, 7.1666, 2.8589

Trichromacy



Original Color

13.3200, 6.9892, 10.7722

Protanomaly

8.3912, 5.9964, 16.9348

Deuteranomaly

8.7212, 6.3205, 9.9928

Tritanomaly

12.1473, 6.9347, 4.9733

Monochromacy



Original Color

13.3200, 6.9892, 10.7722

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

6.7066, 4.8836, 7.0677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3200, 6.9892, 10.7722 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(142, 19, 92)` looks like.

```
.text, #text, p{  
    color:rgb(142, 19, 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(142, 19, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 19, 92) }
```

Border

The CSS property to change the border of an element to XYZ 13.3200, 6.9892, 10.7722 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(142, 19, 92) }
```


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

```
.border{ border-color:rgb(142, 19, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 19, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 19, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 19, 92);  
box-shadow:4px 4px 4px 4px rgb(142, 19,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3200, 6.9892, 10.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 19, 92) }
```

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

```
.background{ background-color: rgb(142, 19,  
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](#).

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