

Converting Colors

XYZ(15.2084, 7.7078, 19.9912)

Have a look what the booklet for
XYZ(15.2084, 7.7078, 19.9912)
contains.

XYZ(15.2298, 7.7212, 20.0897)	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(15.2298, 7.7212,
20.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	8F117D
RGB	143, 17, 125
RGB Percent	56%, 7%, 49%
CMY	0.4392, 0.9333, 0.5098
CMYK	0.00, 0.88, 0.13, 0.44
HSL	309°, 79%, 31%
HSV	309°, 88%, 56%
XYZ	15.2298, 7.7212, 20.0897
YIQ	66.9860, 40.4280, 60.3000

Conversions

Conversions Part 2

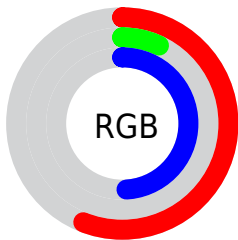
Format	Color
R_{YB}	143, 17, 125
Decimal	9376125
CIE _{Lab}	33.40, 58.66, -28.69
CIE _{LCh}	33, 65.305, 333.935
Yxy	7.7212, 0.3538, 0.1794
Android (android.graphics.Color)	4287566205 (0xFF8F117D)
YUV	66.9860, 28.6009, 66.6643
Hunter-Lab	27.7870, 49.2067, -23.4150

Details

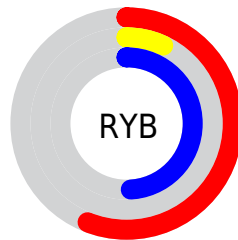
The XYZ color **15.2298, 7.7212, 20.0897** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **10.3574, 19.8857, 4.8834**, and the grayscale version is **5.2856, 5.5609, 6.0558**.

A 20% lighter version of the original color is **34.7977, 21.3786, 44.4119**, and **5.3290, 2.5965, 7.0578** is the 20% darker color. If you saturate the color by 10%, you get **14.9297, 7.3275, 19.3523**, and if you desaturate by 10%, it is **15.6595, 8.3694, 20.8836**.

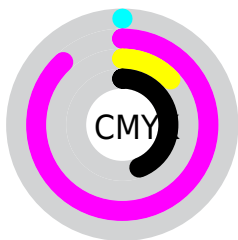
Distribution



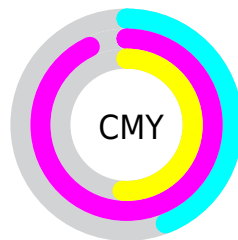
- Red (56%)
- Green (7%)
- Blue (49%)



- Red (56%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (88%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2298, 7.7212, 20.0897 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 15.2298, 7.7212, 20.0897 by changing the saturation by 10% instead.

■ 15.2298, 7.7212,
20.0897

■ 15.2298, 7.7212,
20.0897

218.1139,
173.5286, 265.0206

■ 9.0682, 3.9171,
12.2755

■ 34.8242, 21.4100,
44.4285

■ 4.8432, 1.6273,
6.8068

■ 48.9876, 32.0635,
61.7902

■ 2.1893, 0.3759,
3.2650

■ 66.5491, 45.7690,
83.1714

■ 0.7371, 0.0000,
1.2315

■ 87.8739, 62.9107,
108.9908

■ 0.0000, 0.0000,
0.0046

■ 113.3275, 83.8731,
139.6669

■ 0.0000, 0.0000,
0.0000

■ 143.2751,

109.0407, 175.6182

178.0821,
138.7977, 217.2633

15.2298, 7.7212,
20.0897

15.2298, 7.7212,
20.0897

14.9297, 7.3275,
19.3523

15.6595, 8.3694,
20.8836

14.8761, 7.2590,
19.2151

16.2578, 9.3507,
21.7470

17.0445, 10.7043,
22.6865

18.0362, 12.4637,
23.7080

19.2479, 14.6586,
24.8162

■ 20.6932, 17.3162,
26.0160

■ 22.3843, 20.4610,
27.3114

■ 24.3328, 24.1163,
28.7064

■ 26.5495, 28.3034,
30.2047

Harmonies

Analogous

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



11.7909, 7.7212, 36.8262



15.2298, 7.7212, 20.0897



16.3476, 7.7212, 7.1486

Triad

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



15.2298, 7.7212, 20.0897



6.8851, 7.7212, 0.0000



3.0409, 7.7212, 24.4847

Complementary

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



15.2298, 7.7212, 20.0897



10.3574, 19.8857, 4.8834

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.



2.4530, 7.7212, 9.8052



15.2298, 7.7212, 20.0897



4.1776, 7.7212, 0.2374

Square

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



15.2298, 7.7212, 20.0897



10.7238, 7.7212, 0.0000



2.7905, 7.7212, 2.4509



4.7535, 7.7212, 40.4946

Rectangle

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



15.2298, 7.7212, 20.0897



15.4031, 7.7212, 2.7487



2.7905, 7.7212, 2.4509



2.7352, 7.7212, 18.9472

Sweetspot

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



15.2301, 7.7216, 20.0898



37.4995, 31.8277, 46.9396



5.8120, 2.7213, 26.2057



8.4010, 6.9316, 10.6063



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.



15.2301, 7.7216, 20.0898



26.5924, 12.9804, 34.1578



12.4314, 6.6021, 5.3521



5.5936, 5.4980, 6.6238



13.1590, 6.4206, 17.0203



0.1317, 0.0637, 0.1937

Inverse Universe

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



15.2301, 7.7216, 20.0898



26.5924, 12.9804, 34.1578



12.2024, 20.6238, 14.5991



5.5936, 5.4980, 6.6238



13.1590, 6.4206, 17.0203



0.1317, 0.0637, 0.1937

Previews

White Background



This preview shows how the XYZ color 15.2298, 7.7212, 20.0897 looks on a white background.

Color Contrast Check

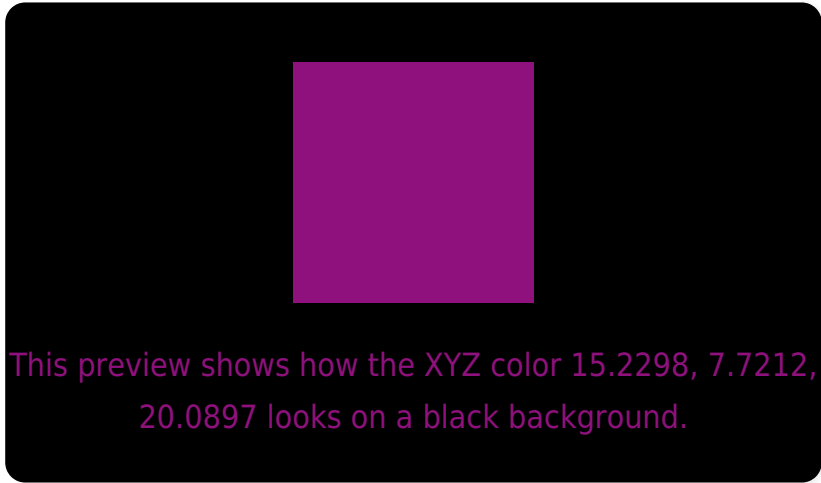
Large Text (above 18pt) WCAG AA ✓ Pass

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

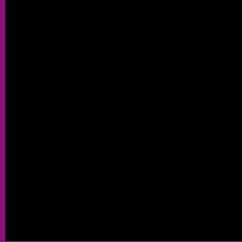
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2298, 7.7212, 20.0897

Background



This preview shows how black text looks on a background with the XYZ color 15.2298, 7.7212, 20.0897.



This preview shows how white text looks on a background with the XYZ color 15.2298, 7.7212, 20.0897.

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

15.2298, 7.7212, 20.0897

Protanopia

9.5159, 8.1654, 36.6718

Deuteranopia

8.3186, 8.1691, 18.2779



Tritanopia

12.0030, 7.8682, 4.3761

Trichromacy



Original Color

15.2298, 7.7212, 20.0897



Protanomaly

8.3354, 5.7604, 29.5267



Deuteranomaly

9.4285, 6.6339, 18.8727



Tritanomaly

12.8209, 7.5192, 8.3650

Monochromacy



Original Color

15.2298, 7.7212, 20.0897



Achromatopsia

5.3350, 5.6128, 6.1124



Achromatomaly

7.5791, 5.3341, 9.8626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2298, 7.7212, 20.0897 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, 17, 125)` looks like.

```
.text, #text, p{  
    color:rgb(143, 17, 125)  
}
```

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, 17, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 17, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.2298, 7.7212, 20.0897 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, 17, 125) }
```


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

```
.border{ border-color:rgb(143, 17, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 17, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 17, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 17, 125); box-shadow:4px 4px 4px 4px rgb(143, 17, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2298, 7.7212, 20.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 17, 125) }
```

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

```
.background{ background-color: rgb(143, 17,  
125) }
```

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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