

Converting Colors

XYZ(15.8115, 7.8040, 24.9783)

Have a look what the booklet for
XYZ(15.8115, 7.8040, 24.9783)
contains.

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Color

**XYZ(15.7762, 7.7897,
25.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	8D0C8B
RGB	141, 12, 139
RGB Percent	55%, 5%, 55%
CMY	0.4471, 0.9529, 0.4549
CMYK	0.00, 0.91, 0.01, 0.45
HSL	301°, 84%, 30%
HSV	301°, 91%, 55%
XYZ	15.7762, 7.7897, 25.0982
YIQ	65.0490, 36.1170, 66.8450

Conversions

Conversions Part 2

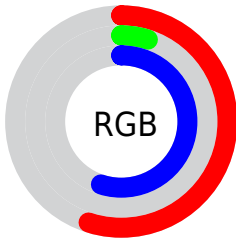
Format	Color
RYB	141, 12, 139
Decimal	9243787
CIELab	33.54, 61.25, -37.21
CIElCh	34, 71.664, 328.717
Yxy	7.7897, 0.3242, 0.1601
Android (android.graphics.Color)	4287433867 (0xFF8D0C8B)
YUV	65.0490, 36.4578, 66.6090
Hunter-Lab	27.9100, 52.0549, -33.7797

Details

The XYZ color **15.7762, 7.7897, 25.0982** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.7561, 19.1601, 3.5999**, and the grayscale version is **4.9750, 5.2341, 5.6999**.

A 20% lighter version of the original color is **35.7830, 21.5933, 52.7340**, and **5.5992, 2.6830, 9.4553** is the 20% darker color. If you saturate the color by 10%, you get **15.6313, 7.5215, 24.9829**, and if you desaturate by 10%, it is **16.0327, 8.2769, 25.2627**.

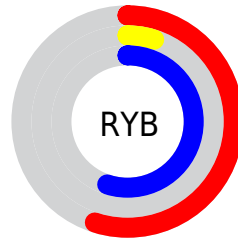
Distribution



Red (55%)

Green (5%)

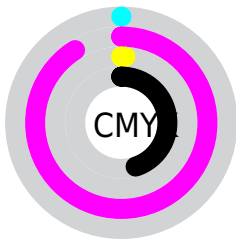
Blue (55%)



Red (55%)

Yellow (5%)

Blue (55%)

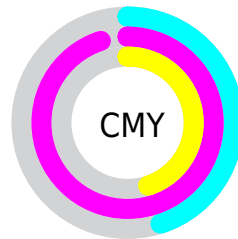


Cyan (0%)

Magenta (91%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (95%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7762, 7.7897, 25.0982 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 15.7762, 7.7897, 25.0982 by changing the saturation by 10% instead.

■ 15.7762, 7.7897,
25.0982

■ 15.7762, 7.7897,
25.0982

221.3139,
174.0731, 291.7899

■ 9.4558, 3.9607,
15.9305

■ 35.7698, 21.5451,
52.7826

■ 5.0991, 1.6516,
9.3212

■ 50.1737, 32.2403,
72.1364

■ 2.3409, 0.3920,
4.8516

■ 68.0029, 45.9930,
95.7227

■ 0.8155, 0.0000,
2.1032

■ 89.6225, 63.1877,
123.9599

■ 0.0000, 0.0000,
0.6177

■ 115.3981, 84.2086,
157.2668

■ 0.0000, 0.0000,
0.0000

■ 145.6950,

109.4402, 196.0617

180.8785,
139.2669, 240.7632

15.7762, 7.7897,
25.0982

15.7762, 7.7897,
25.0982

15.6313, 7.5215,
24.9829

16.0327, 8.2769,
25.2627

16.4428, 9.0714,
25.4785

17.0266, 10.2133,
25.7523

17.8011, 11.7365,
26.0899

18.7811, 13.6707,
26.4961

■ 19.9801, 16.0428,
26.9755

■ 21.4104, 18.8775,
27.5321

■ 23.0834, 22.1975,
28.1698

■ 25.0096, 26.0240,
28.8921

Harmonies

Analogous

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



11.5941, 7.7897, 44.3597



15.7762, 7.7897, 25.0982



17.6363, 7.7897, 8.9687

Triad

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



15.7762, 7.7897, 25.0982



7.5720, 7.7897, 0.0000



2.6018, 7.7897, 23.4300

Complementary

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



15.7762, 7.7897, 25.0982



9.7561, 19.1601, 3.5999

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.



2.1722, 7.7897, 8.0126



15.7762, 7.7897, 25.0982



4.3687, 7.7897, 0.0000

Square

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



15.7762, 7.7897, 25.0982



11.9884, 7.7897, 0.0000



2.6858, 7.7897, 1.5244



4.1685, 7.7897, 42.9349

Rectangle

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



15.7762, 7.7897, 25.0982



16.9458, 7.7897, 3.3099



2.6858, 7.7897, 1.5244



2.3501, 7.7897, 17.3422

Sweetspot

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



15.7765, 7.7901, 25.0984



36.7301, 30.6108, 48.6802



5.0911, 2.2645, 25.3685



8.0427, 6.5179, 10.8098



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.



15.7765, 7.7901, 25.0984



27.9865, 13.4670, 44.7072



12.4384, 6.4548, 7.5202



5.6227, 5.5096, 6.7771



14.2532, 6.8583, 22.7823



0.1370, 0.0659, 0.2218

Inverse Universe

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



15.7765, 7.7901, 25.0984



27.9865, 13.4670, 44.7072



10.9989, 19.6572, 10.1444



5.6227, 5.5096, 6.7771



14.2532, 6.8583, 22.7823



0.1370, 0.0659, 0.2218

Previews

White Background



This preview shows how the XYZ color 15.7762, 7.7897, 25.0982 looks on a white background.

Color Contrast Check

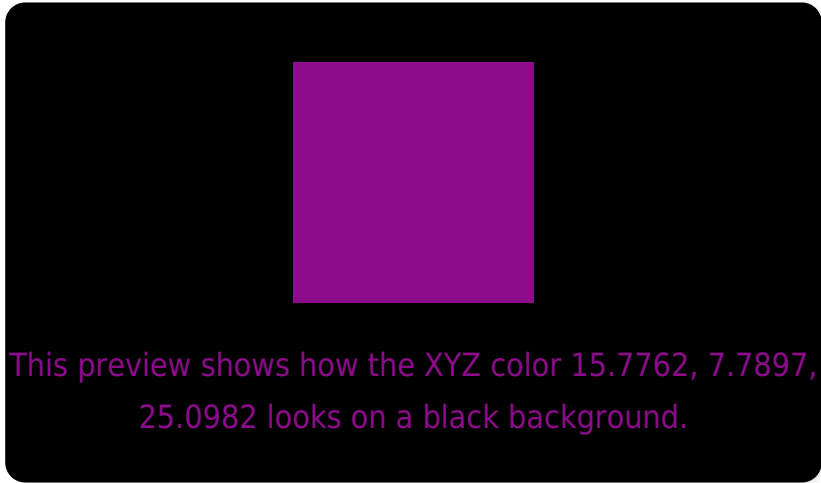
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7762, 7.7897, 25.0982

Background



This preview shows how black text looks on a background with the XYZ color 15.7762, 7.7897, 25.0982.



This preview shows how white text looks on a background with the XYZ color 15.7762, 7.7897, 25.0982.

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

15.7762, 7.7897, 25.0982

Protanopia

9.5159, 8.1654, 36.6718

Deuteranopia

8.4044, 8.2274, 22.6178



Tritanopia

11.6713, 7.9537, 5.0577

Trichromacy



Original Color

15.7762, 7.7897, 25.0982



Protanomaly

8.6852, 5.7424, 32.1031



Deuteranomaly

9.3734, 6.4344, 23.3022



Tritanomaly

12.4786, 7.3065, 9.9851

Monochromacy



Original Color

15.7762, 7.7897, 25.0982



Achromatopsia

5.0244, 5.2861, 5.7565



Achromatomaly

7.4230, 5.0539, 10.7095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7762, 7.7897, 25.0982 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(141, 12, 139)` looks like.

```
.text, #text, p{  
    color:rgb(141, 12, 139)  
}
```

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(141, 12, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 12, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.7762, 7.7897, 25.0982 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(141, 12, 139) }
```


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

```
.border{ border-color:rgb(141, 12, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 12, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 12, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 12, 139);  
box-shadow:4px 4px 4px 4px rgb(141, 12,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7762, 7.7897, 25.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 12, 139) }
```

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

```
.background{ background-color: rgb(141, 12,  
139) }
```

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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