

Converting Colors

XYZ(15.0668, 7.6661, 10.7716)

Have a look what the booklet for
XYZ(15.0668, 7.6661, 10.7716)
contains.

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Color

**XYZ(15.1555, 7.7187,
10.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	99085C
RGB	153, 8, 92
RGB Percent	60%, 3%, 36%
CMY	0.4000, 0.9685, 0.6392
CMYK	0.00, 0.95, 0.40, 0.40
HSL	325°, 90%, 32%
HSV	325°, 95%, 60%
XYZ	15.1555, 7.7187, 10.8163
YIQ	60.9310, 59.4560, 56.8640

Conversions

Conversions Part 2

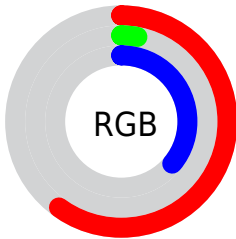
Format	Color
RYB	153, 8, 92
Decimal	10029148
CIELab	33.39, 58.24, -7.47
CIElCh	33, 58.721, 352.690
Yxy	7.7187, 0.4498, 0.2291
Android (android.graphics.Color)	4288219228 (0xFF99085C)
YUV	60.9310, 15.3170, 80.7445
Hunter-Lab	27.7825, 48.7531, -3.6350

Details

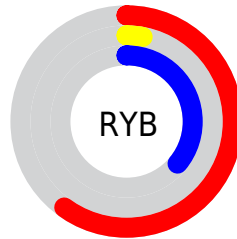
The XYZ color **15.1555, 7.7187, 10.8163** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.5665, 23.2642, 9.4617**, and the grayscale version is **4.4004, 4.6296, 5.0416**.

A 20% lighter version of the original color is **34.7583, 21.3988, 27.8896**, and **5.3170, 2.6841, 2.8226** is the 20% darker color. If you saturate the color by 10%, you get **14.9244, 7.4873, 10.0276**, and if you desaturate by 10%, it is **15.6750, 8.2881, 12.4375**.

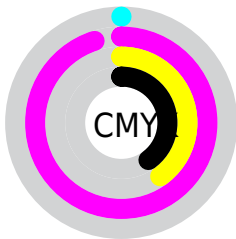
Distribution



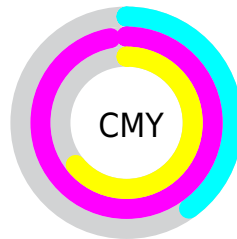
- Red (60%)
- Green (3%)
- Blue (36%)



- Red (60%)
- Yellow (3%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (40%)
- Black (40%)





- Cyan (40%)
- Magenta (97%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1555, 7.7187, 10.8163 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 15.1555, 7.7187, 10.8163 by changing the saturation by 10% instead.


 15.1555, 7.7187,
10.8163


 15.1555, 7.7187,
10.8163


217.6753,
173.5087, 207.0949


 9.0156, 3.9155,
5.8308


 34.6952, 21.4051,
27.9514


 4.8086, 1.6264,
2.6754

 48.8257, 32.0571,
40.9381


 2.1690, 0.3753,
0.9310

 66.3504, 45.7608,
57.4290

 0.7263, 0.0000,
0.0000


 87.6347, 62.9006,
77.8426


 0.0000, 0.0000,
0.0000


 113.0440, 83.8609,
102.5975


 142.9437,

109.0261, 132.1121

 177.6989,
138.7805, 166.8051


 15.1555, 7.7187,
10.8163


 15.1555, 7.7187,
10.8163

 14.9244, 7.4873,
10.0276

 15.6750, 8.2881,
12.4375

 16.3934, 9.2159,
14.2458

 17.3389, 10.5579,
16.2533

 18.5338, 12.3578,
18.4702

 19.9977, 14.6541,
20.9055

■ 21.7482, 17.4809,
23.5676

■ 23.8012, 20.8693,
26.4641

■ 26.1715, 24.8481,
29.6024

■ 28.8728, 29.4441,
32.9892

Harmonies

Analogous

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



13.3017, 7.7187, 23.9610



15.1555, 7.7187, 10.8163



14.4836, 7.7187, 3.3235

Triad

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



15.1555, 7.7187, 10.8163



5.2349, 7.7187, 0.2372



4.2376, 7.7187, 31.2040

Complementary

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



15.1555, 7.7187, 10.8163



12.5665, 23.2642, 9.4617

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.



3.0399, 7.7187, 17.0532



15.1555, 7.7187, 10.8163



3.4897, 7.7187, 1.6571

Square

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



15.1555, 7.7187, 10.8163



8.1362, 7.7187, 0.0000



2.8121, 7.7187, 6.3806



6.5908, 7.7187, 40.1337

Rectangle

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



15.1555, 7.7187, 10.8163



12.7645, 7.7187, 1.2686



2.8121, 7.7187, 6.3806



3.7177, 7.7187, 26.5636

Sweetspot

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



15.1557, 7.7191, 10.8164



41.1643, 34.9494, 45.3750



8.2507, 3.7184, 30.4199



8.7705, 7.1916, 9.5668



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.1557, 7.7191, 10.8164



26.6335, 13.3712, 17.4612



13.3511, 6.9973, 1.3135



6.3512, 6.2797, 7.2297



12.3516, 6.1949, 8.3766



0.2028, 0.0999, 0.2207

Inverse Universe

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



15.1557, 7.7191, 10.8164



26.6335, 13.3712, 17.4612



16.2933, 24.7549, 29.0869



6.3512, 6.2797, 7.2297



12.3516, 6.1949, 8.3766



0.2028, 0.0999, 0.2207

Previews

White Background



This preview shows how the XYZ color 15.1555, 7.7187, 10.8163 looks on a white background.

Color Contrast Check

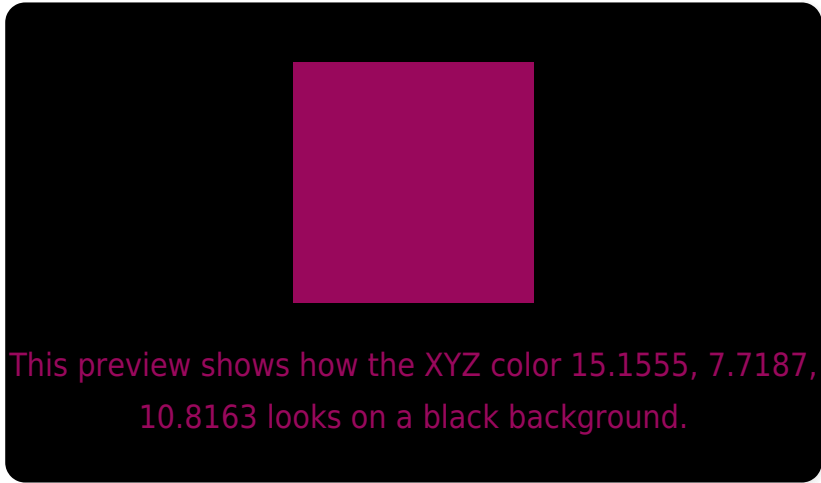
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1555, 7.7187, 10.8163

Background



This preview shows how black text looks on a background with the XYZ color 15.1555, 7.7187, 10.8163.



This preview shows how white text looks on a background with the XYZ color 15.1555, 7.7187,

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

15.1555, 7.7187, 10.8163

Protanopia

8.8243, 8.2186, 22.9510

Deuteranopia

8.3662, 8.2741, 9.7504



Tritanopia

13.5891, 7.9471, 2.6514

Trichromacy



Original Color

15.1555, 7.7187, 10.8163

Protanomaly

9.1001, 6.2102, 17.5487

Deuteranomaly

9.5901, 6.6303, 10.0068

Tritanomaly

13.8956, 7.6236, 4.7421

Monochromacy



Original Color

15.1555, 7.7187, 10.8163

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

6.6138, 4.5035, 6.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1555, 7.7187, 10.8163 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(153, 8, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 8, 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(153, 8, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 8, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.1555, 7.7187, 10.8163 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(153, 8, 92) }
```


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

```
.border{ border-color:rgb(153, 8, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 8, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 8, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 8, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 8, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1555, 7.7187, 10.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 8, 92) }
```

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

```
.background{ background-color: rgb(153, 8,  
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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