

Converting Colors

XYZ(15.9254, 8.0338, 10.1625)

Have a look what the booklet for
XYZ(15.9254, 8.0338, 10.1625)
contains.

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Color

**XYZ(15.9254, 8.0338,
10.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0259
RGB	158, 2, 89
RGB Percent	62%, 1%, 35%
CMY	0.3804, 0.9921, 0.6510
CMYK	0.00, 0.99, 0.44, 0.38
HSL	327°, 97%, 31%
HSV	327°, 99%, 62%
XYZ	15.9254, 8.0338, 10.1625
YIQ	58.5620, 65.0490, 60.1290

Conversions

Conversions Part 2

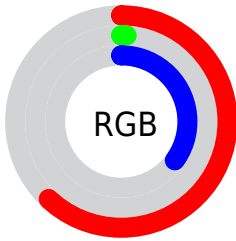
Format	Color
RYB	158, 2, 89
Decimal	10355289
CIELab	34.05, 59.90, -4.42
CIELCh	34, 60.064, 355.777
Yxy	8.0338, 0.4667, 0.2354
Android (android.graphics.Color)	4288545369 (0xFF9E0259)
YUV	58.5620, 15.0059, 87.2071
Hunter-Lab	28.3440, 50.6905, -1.4172

Details

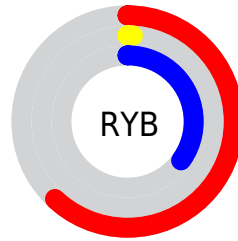
The XYZ color **15.9254, 8.0338, 10.1625** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.3902, 24.9219, 10.0698**, and the grayscale version is **4.0733, 4.2855, 4.6669**.

A 20% lighter version of the original color is **35.9293, 21.9235, 26.7641**, and **5.7102, 2.8912, 2.6400** is the 20% darker color. If you saturate the color by 10%, you get **15.8663, 7.9754, 9.9585**, and if you desaturate by 10%, it is **16.4248, 8.5403, 11.8466**.

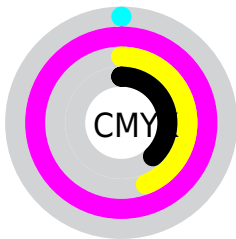
Distribution



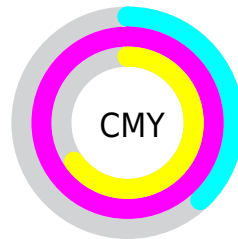
- Red (62%)
- Green (1%)
- Blue (35%)



- Red (62%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (99%)
- Yellow (44%)
- Black (38%)




- Cyan (38%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9254, 8.0338, 10.1625 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 15.9254, 8.0338, 10.1625 by changing the saturation by 10% instead.


 15.9254, 8.0338,
10.1625


 15.9254, 8.0338,
10.1625


222.1802,
175.9969, 202.3547


 9.5619, 4.1166,
5.3998


 36.0271, 22.0247,
26.7133


 5.1695, 1.7390,
2.4209

 50.4961, 32.8671,
39.3385


 2.3828, 0.4487,
0.7978

 68.3976, 46.7868,
55.4216

 0.8365, 0.0000,
0.0000


 90.0969, 64.1680,
75.3811

 0.0000, 0.0000,
0.0000

 115.9595, 85.3953,
99.6357

 146.3506,

110.8529, 128.6038

 181.6358,
140.9253, 162.7039


 15.9254, 8.0338,
10.1625


 15.9254, 8.0338,
10.1625


 15.8663, 7.9754,
9.9585

 16.4248, 8.5403,
11.8466

 17.1089, 9.3706,
13.7334

 18.0294, 10.6264,
15.8437

 19.2121, 12.3587,
18.1896

 20.6794, 14.6113,
20.7817

■ 22.4513, 17.4229,
23.6300

■ 24.5458, 20.8283,
26.7434

■ 26.9794, 24.8598,
30.1306

■ 29.7674, 29.5472,
33.7994

Harmonies

Analogous

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



14.2162, 8.0338, 23.5655



15.9254, 8.0338, 10.1625



14.9388, 8.0338, 2.9661

Triad

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



15.9254, 8.0338, 10.1625



5.1847, 8.0338, 0.3234



4.5814, 8.0338, 34.2083

Complementary

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



15.9254, 8.0338, 10.1625



13.3902, 24.9219, 10.0698

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.



3.2124, 8.0338, 19.3369



15.9254, 8.0338, 10.1625



3.4833, 8.0338, 1.9715

Square

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



15.9254, 8.0338, 10.1625



8.1152, 8.0338, 0.0000



2.8781, 8.0338, 7.4702



7.1758, 8.0338, 42.5313

Rectangle

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



15.9254, 8.0338, 10.1625



13.0035, 8.0338, 1.1015



2.8781, 8.0338, 7.4702



3.9957, 8.0338, 29.4505

Sweetspot

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



15.9256, 8.0343, 10.1626



43.8194, 36.5851, 47.4733



8.6915, 3.8003, 32.6230



9.5322, 7.6829, 10.1913



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.9256, 8.0343, 10.1626



28.7113, 14.4426, 17.5478



14.1914, 7.3406, 1.0304



6.7801, 6.7050, 7.6931



12.7274, 6.3955, 8.0814



0.2487, 0.1228, 0.2556

Inverse Universe

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



15.9256, 8.0343, 10.1626



28.7113, 14.4426, 17.5478



17.5659, 26.5922, 32.0588



6.7801, 6.7050, 7.6931



12.7274, 6.3955, 8.0814



0.2487, 0.1228, 0.2556

Previews

White Background



This preview shows how the XYZ color 15.9254, 8.0338, 10.1625 looks on a white background.

Color Contrast Check

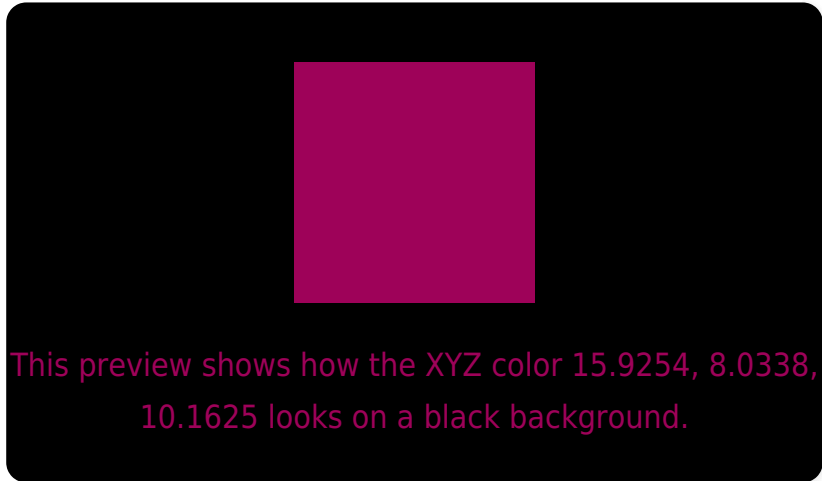
Large Text (above 18pt) WCAG AA ✓ Pass

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

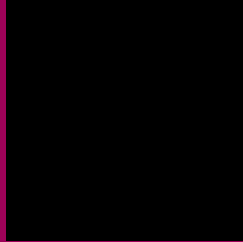
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9254, 8.0338, 10.1625

Background



This preview shows how black text looks on a background with the XYZ color 15.9254, 8.0338, 10.1625.



This preview shows how white text looks on a background with the XYZ color 15.9254, 8.0338,

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

15.9254, 8.0338, 10.1625

Protanopia

9.0855, 8.6016, 21.6035

Deuteranopia

8.7060, 8.5707, 9.1781



Tritanopia

14.4370, 8.2980, 2.5098

Trichromacy



Original Color

15.9254, 8.0338, 10.1625

Protanomaly

9.4108, 6.3235, 16.6441

Deuteranomaly

9.9379, 6.7567, 9.3747

Tritanomaly

14.7063, 7.9565, 4.3751

Monochromacy



Original Color

15.9254, 8.0338, 10.1625

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.5179, 4.2613, 6.2733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9254, 8.0338, 10.1625 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(158, 2, 89)` looks like.

```
.text, #text, p{  
    color:rgb(158, 2, 89)  
}
```

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(158, 2, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 2, 89) }
```

Border

The CSS property to change the border of an element to XYZ 15.9254, 8.0338, 10.1625 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(158, 2, 89) }
```


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

```
.border{ border-color:rgb(158, 2, 89) }
```

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

Here you see how a box with a 4 pixel rgb(158, 2, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 2, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 2, 89);  
box-shadow:4px 4px 4px 4px rgb(158, 2, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.9254, 8.0338, 10.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 2, 89) }
```

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

```
.background{ background-color: rgb(158, 2,  
89) }
```

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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