

Converting Colors

XYZ(15.1915, 4.8538, 14.5464)

Have a look what the booklet for
XYZ(15.1915, 4.8538, 14.5464)
contains.

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Color

**XYZ(17.0584, 8.4751,
15.2048)**

Conversions

Conversions Part 1

Format	Color
Hex	9F006D
RGB	159, 0, 109
RGB Percent	62%, 0%, 43%
CMY	0.3765, 0.9999, 0.5725
CMYK	0.00, 1.00, 0.31, 0.38
HSL	319°, 100%, 31%
HSV	319°, 100%, 62%
XYZ	17.0584, 8.4751, 15.2048
YIQ	59.9670, 59.7750, 67.6070

Conversions

Conversions Part 2

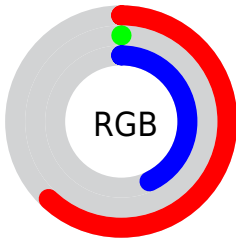
Format	Color
R_{YB}	159, 0, 109
Decimal	10420333
CIE _{Lab}	34.95, 62.41, -15.91
CIE _{LCh}	35, 64.405, 345.697
Yxy	8.4751, 0.4187, 0.2080
Android (android.graphics.Color)	4288610413 (0xFF9F006D)
YUV	59.9670, 24.1733, 86.8519
Hunter-Lab	29.1120, 53.6473, -10.5879

Details

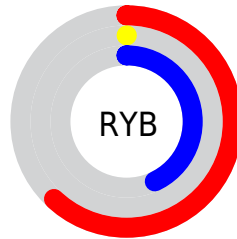
The XYZ color **17.0584, 8.4751, 15.2048** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.9747, 25.0269, 7.1671**, and the grayscale version is **4.2538, 4.4753, 4.8737**.

A 20% lighter version of the original color is **38.0709, 22.9274, 36.1371**, and **6.3218, 3.1617, 4.6920** is the 20% darker color. If you saturate the color by 10%, you get **17.0580, 8.4749, 15.2028**, and if you desaturate by 10%, it is **17.5196, 8.9542, 16.7248**.

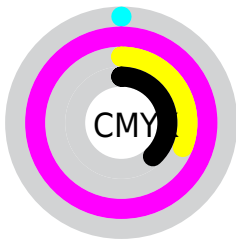
Distribution



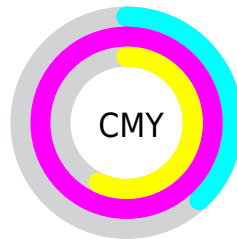
- Red (62%)
- Green (0%)
- Blue (43%)



- Red (62%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0584, 8.4751, 15.2048 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 17.0584, 8.4751, 15.2048 by changing the saturation by 10% instead.

■ 17.0584, 8.4751,
15.2048

■ 17.0584, 8.4751,
15.2048

228.6584,
179.4124, 236.2858

■ 10.3717, 4.4004,
8.8150

■ 37.9690, 22.8847,
35.9594

■ 5.7102, 1.9000,
4.5256

■ 52.9235, 33.9884,
51.1614

■ 2.7087, 0.5484,
1.9179

■ 71.3648, 48.2039,
70.1378

■ 1.0016, 0.0000,
0.5041

■ 93.6580, 65.9156,
93.3072

■ 0.0000, 0.0000,
0.0000

■ 120.1687, 87.5080,
121.0882

■ 151.2620,

113.3653, 153.8992

187.3035,
143.8719, 192.1589

17.0584, 8.4751,
15.2048

17.0584, 8.4751,
15.2048

17.0580, 8.4749,
15.2028

17.5196, 8.9542,
16.7248

18.1397, 9.7264,
18.3746

18.9820, 10.9176,
20.1764

20.0730, 12.5804,
22.1403

21.4353, 14.7600,
24.2749

■ 23.0891, 17.4960,
26.5880

■ 25.0523, 20.8243,
29.0867

■ 27.3416, 24.7775,
31.7777

■ 29.9724, 29.3862,
34.6671

Harmonies

Analogous

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



14.2657, 8.4751, 31.9007



17.0584, 8.4751, 15.2048



16.9849, 8.4751, 4.7540

Triad

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



17.0584, 8.4751, 15.2048



6.2861, 8.4751, 0.0000



4.0502, 8.4751, 32.7059

Complementary

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



17.0584, 8.4751, 15.2048



12.9747, 25.0269, 7.1671

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.



2.9778, 8.4751, 15.8801



17.0584, 8.4751, 15.2048



3.9736, 8.4751, 1.0721

Square

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



17.0584, 8.4751, 15.2048



9.9359, 8.4751, 0.0000



2.9548, 8.4751, 5.0673



6.4284, 8.4751, 46.1736

Rectangle

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



17.0584, 8.4751, 15.2048



15.2898, 8.4751, 1.7290



2.9548, 8.4751, 5.0673



3.5620, 8.4751, 26.8587

Sweetspot

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



17.0587, 8.4756, 15.2049



44.6449, 36.9154, 51.8205



7.4639, 3.1252, 33.0107



9.7380, 7.7652, 11.2749



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.



17.0587, 8.4756, 15.2049



30.4582, 15.1413, 26.7466



14.5566, 7.4747, 2.0292



6.8153, 6.7190, 7.8784



13.4924, 6.7015, 12.1100



0.2594, 0.1271, 0.3121

Inverse Universe

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



17.0587, 8.4756, 15.2049



30.4582, 15.1413, 26.7466



16.2426, 26.3341, 24.3756



6.8153, 6.7190, 7.8784



13.4924, 6.7015, 12.1100



0.2594, 0.1271, 0.3121

Previews

White Background



This preview shows how the XYZ color 17.0584, 8.4751, 15.2048 looks on a white background.

Color Contrast Check

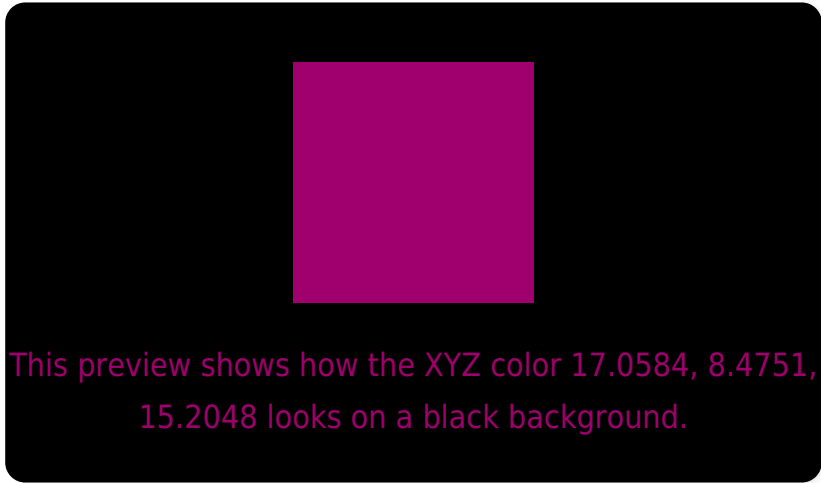
Large Text (above 18pt) WCAG AA ✓ Pass

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

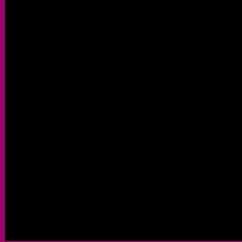
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0584, 8.4751, 15.2048

Background



This preview shows how black text looks on a background with the XYZ color 17.0584, 8.4751, 15.2048.



This preview shows how white text looks on a background with the XYZ color 17.0584, 8.4751,

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

17.0584, 8.4751, 15.2048

Protanopia

10.3606, 9.2398, 32.6899

Deuteranopia

9.2378, 9.0771, 13.8355



Tritanopia

14.8551, 8.8858, 3.4148

Trichromacy



Original Color

17.0584, 8.4751, 15.2048

Protanomaly

10.0531, 6.5341, 25.1575

Deuteranomaly

10.5050, 7.0109, 14.1642

Tritanomaly

15.1456, 8.2691, 6.2667

Monochromacy



Original Color

17.0584, 8.4751, 15.2048

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.8921, 4.4231, 7.6982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0584, 8.4751, 15.2048 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(159, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 109)  
}
```

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(159, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.0584, 8.4751, 15.2048 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(159, 0, 109) }
```


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

```
.border{ border-color:rgb(159, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(159, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(159, 0,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0584, 8.4751, 15.2048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 109) }
```

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

```
.background{ background-color: rgb(159, 0,  
109) }
```

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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