

Converting Colors

XYZ(20.7109, 15.8990, 17.0162)

Have a look what the booklet for
XYZ(20.7109, 15.8990, 17.0162)
contains.

XYZ(20.7109, 15.8990, 17.0162)	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(20.7109, 15.8990,
17.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5B6F
RGB	158, 91, 111
RGB Percent	62%, 36%, 44%
CMY	0.3804, 0.6431, 0.5647
CMYK	0.00, 0.42, 0.30, 0.38
HSL	342°, 27%, 49%
HSV	342°, 42%, 62%
XYZ	20.7109, 15.8990, 17.0162
YIQ	113.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

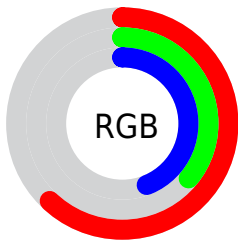
Format	Color
R_{YB}	158, 91, 111
Decimal	10378095
CIE _{Lab}	46.84, 30.01, 0.62
CIE _{LCh}	47, 30.015, 1.182
Yxy	15.8990, 0.3862, 0.2965
Android (android.graphics.Color)	4288568175 (0xFF9E5B6F)
YUV	113.3130, -1.1403, 39.1905
Hunter-Lab	39.8736, 22.9368, 2.6092

Details

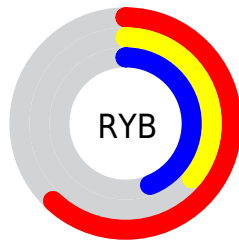
The XYZ color **20.7109, 15.8990, 17.0162** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1294, 28.5132, 28.4362**, and the grayscale version is **15.7858, 16.6078, 18.0859**.

A 20% lighter version of the original color is **44.0154, 36.2865, 39.3345**, and **7.4700, 5.0297, 5.2797** is the 20% darker color. If you saturate the color by 10%, you get **18.9268, 13.2475, 13.5949**, and if you desaturate by 10%, it is **22.8560, 19.1510, 20.9318**.

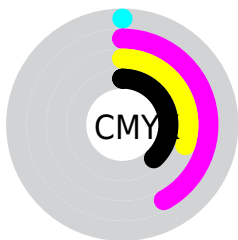
Distribution



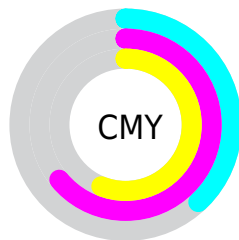
- Red (62%)
- Green (36%)
- Blue (44%)



- Red (62%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7109, 15.8990, 17.0162 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 20.7109, 15.8990, 17.0162 by changing the saturation by 10% instead.

■ 20.7109, 15.8990,
17.0162

■ 20.7109, 15.8990,
17.0162

248.4990,
228.7450, 247.3128

■ 13.0241, 9.4527,
10.0840

■ 44.1008, 36.4228,
39.1447

■ 7.5223, 5.0376,
5.3483

■ 60.5346, 51.2691,
55.1780

■ 3.8400, 2.2694,
2.3908

■ 80.6148, 69.6841,
75.0820

■ 1.6120, 0.7574,
0.7814

■ 104.7067, 92.0524,
99.2754

■ 0.4002, 0.0000,
0.0000

133.1758,
118.7582, 128.1766

■ 0.0000, 0.0000,
0.0000

166.3872,

150.1860, 162.2043

204.7065,
186.7201, 201.7768

■ 20.7109, 15.8990,
17.0162

■ 20.7109, 15.8990,
17.0162

■ 18.9268, 13.2475,
13.5949

■ 22.8560, 19.1510,
20.9318

■ 17.4816, 11.1572,
10.6465

■ 25.3799, 23.0352,
25.3602

■ 16.3527, 9.5876,
8.1492

■ 28.3006, 27.5838,
30.3198

■ 15.5143, 8.4916,
6.0789

■ 31.6348, 32.8258,
35.8278

■ 14.9357, 7.8136,
4.4087

■ 35.3979, 38.7890,
41.9009

■ 14.6169, 7.4756,
3.3787

■ 39.6047, 45.4992,
48.5546

■ 44.2693, 52.9812,
55.8042

■ 49.4051, 61.2586,
63.6643

■ 55.0251, 70.3539,
72.1488

Harmonies

Analogous

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



19.9540, 15.8990, 25.2134



20.7109, 15.8990, 17.0162



19.8295, 15.8990, 10.8797

Triad

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



20.7109, 15.8990, 17.0162



12.6569, 15.8990, 7.6896



12.8171, 15.8990, 33.2235

Complementary

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



20.7109, 15.8990, 17.0162



21.1294, 28.5132, 28.4362

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.



11.2083, 15.8990, 25.8798



20.7109, 15.8990, 17.0162



11.1236, 15.8990, 11.2612

Square

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



20.7109, 15.8990, 17.0162



15.0081, 15.8990, 6.5435



10.6250, 15.8990, 17.6098



15.2154, 15.8990, 36.0467

Rectangle

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



20.7109, 15.8990, 17.0162



18.4843, 15.8990, 8.3473



10.6250, 15.8990, 17.6098



12.1762, 15.8990, 31.1143

Sweetspot

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



20.7113, 15.8998, 17.0165



50.9132, 49.3401, 54.2550



20.3780, 15.3464, 34.2359



11.2157, 10.7134, 11.7897



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.



20.7113, 15.8998, 17.0165



34.4902, 24.2326, 24.9235



20.9801, 18.0066, 12.2684



6.7105, 6.6771, 7.3265



11.7222, 5.9935, 2.7883



0.2269, 0.1141, 0.1412

Inverse Universe

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



20.7113, 15.8998, 17.0165



34.4902, 24.2326, 24.9235



20.5509, 24.8221, 36.0558



6.7105, 6.6771, 7.3265



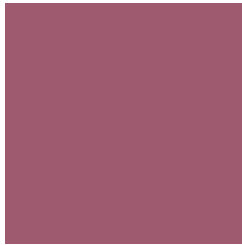
11.7222, 5.9935, 2.7883



0.2269, 0.1141, 0.1412

Previews

White Background



This preview shows how the XYZ color 20.7109, 15.8990, 17.0162 looks on a white background.

Color Contrast Check

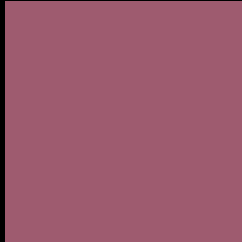
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.7109, 15.8990, 17.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

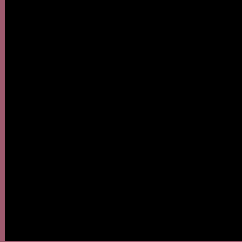
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7109, 15.8990, 17.0162

Background



This preview shows how black text looks on a background with the XYZ color 20.7109, 15.8990, 17.0162.



This preview shows how white text looks on a background with the XYZ color 20.7109, 15.8990,

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

20.7109, 15.8990, 17.0162

Protanopia

15.6900, 16.1139, 21.0222

Deuteranopia

16.2377, 16.0188, 16.4235



Tritanopia

20.1192, 15.9169, 14.0685

Trichromacy



Original Color

20.7109, 15.8990, 17.0162

Protanomaly

17.0325, 15.7446, 19.5941

Deuteranomaly

17.6650, 15.8411, 16.5946

Tritanomaly

20.2305, 15.8219, 15.0844

Monochromacy



Original Color

20.7109, 15.8990, 17.0162

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.0295, 15.9401, 17.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7109, 15.8990, 17.0162 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, 91, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 111)  
}
```

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, 91, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 111) }
```

Border

The CSS property to change the border of an element to XYZ 20.7109, 15.8990, 17.0162 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, 91, 111) }
```


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

```
.border{ border-color:rgb(158, 91, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 91, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 91, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 91, 111); box-shadow:4px 4px 4px 4px rgb(158, 91, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7109, 15.8990, 17.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 111) }
```

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

```
.background{ background-color: rgb(158, 91,  
111) }
```

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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