

Converting Colors

XYZ(20.6930, 15.8828, 18.9872)

Have a look what the booklet for
XYZ(20.6930, 15.8828, 18.9872)
contains.

XYZ(20.7214, 15.8581, 19.1083)	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(20.7214, 15.8581,
19.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5B76
RGB	156, 91, 118
RGB Percent	61%, 36%, 46%
CMY	0.3882, 0.6431, 0.5373
CMYK	0.00, 0.42, 0.24, 0.39
HSL	335°, 26%, 48%
HSV	335°, 42%, 61%
XYZ	20.7214, 15.8581, 19.1083
YIQ	113.5130, 30.0730, 22.1770

Conversions

Conversions Part 2

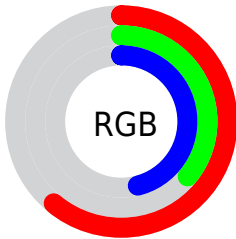
Format	Color
R_{YB}	156, 91, 118
Decimal	10247030
CIE _{Lab}	46.79, 30.29, -3.72
CIE _{LCh}	47, 30.519, 353.000
Yxy	15.8581, 0.3721, 0.2848
Android (android.graphics.Color)	4288437110 (0xFF9C5B76)
YUV	113.5130, 2.2121, 37.2611
Hunter-Lab	39.8222, 23.1931, -0.5742

Details

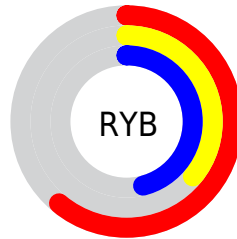
The XYZ color **20.7214, 15.8581, 19.1083** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1660, 27.5865, 25.0321**, and the grayscale version is **15.8363, 16.6611, 18.1439**.

A 20% lighter version of the original color is **44.0801, 36.2453, 42.7030**, and **7.5629, 5.0535, 6.3712** is the 20% darker color. If you saturate the color by 10%, you get **19.0078, 13.2567, 15.9911**, and if you desaturate by 10%, it is **22.7655, 19.0365, 22.5946**.

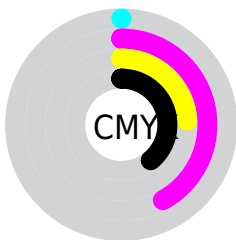
Distribution



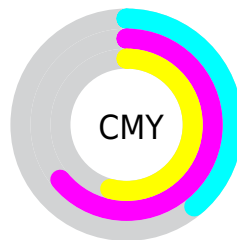
- Red (61%)
- Green (36%)
- Blue (46%)



- Red (61%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7214, 15.8581, 19.1083 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 20.7214, 15.8581, 19.1083 by changing the saturation by 10% instead.

■ 20.7214, 15.8581,
19.1083

■ 20.7214, 15.8581,
19.1083

248.5540,
228.5029, 259.4886

■ 13.0318, 9.4238,
11.5710

■ 44.1182, 36.3517,
42.7562

■ 7.5276, 5.0186,
6.3333

■ 60.5561, 51.1798,
59.7037

■ 3.8434, 2.2582,
2.9767

■ 80.6408, 69.5745,
80.6252

■ 1.6139, 0.7514,
1.0828

■ 104.7377, 91.9204,
105.9390

■ 0.4015, 0.0000,
0.0000

133.2121,
118.6018, 136.0637

■ 0.0000, 0.0000,
0.0000

166.4294,

150.0031, 171.4178

204.7549,
186.5087, 212.4199

■ 20.7214, 15.8581,
19.1083

■ 20.7214, 15.8581,
19.1083

■ 19.0078, 13.2567,
15.9911

■ 22.7655, 19.0365,
22.5946

■ 17.6046, 11.1946,
13.2286

■ 25.1561, 22.8217,
26.4618

■ 16.4915, 9.6337,
10.8064

■ 27.9096, 27.2443,
30.7224


■ 15.6448, 8.5293,
8.7087


■ 31.0409, 32.3322,
35.3877


■ 15.0371, 7.8290,
6.9178


■ 34.5642, 38.1115,
40.4689

 14.6586, 7.4472,
5.6348

 38.4928, 44.6070,
45.9763

 42.8394, 51.8422,
51.9202

 47.6162, 59.8396,
58.3104

 52.8349, 68.6206,
65.1562

Harmonies

Analogous

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



19.5228, 15.8581, 27.6308



20.7214, 15.8581, 19.1083



20.2705, 15.8581, 12.1661

Triad

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



20.7214, 15.8581, 19.1083



13.1667, 15.8581, 7.0109



12.2075, 15.8581, 31.7527

Complementary

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



20.7214, 15.8581, 19.1083



20.1660, 27.5865, 25.0321

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.



10.8492, 15.8581, 23.6245



20.7214, 15.8581, 19.1083



11.3560, 15.8581, 9.8849

Square

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



20.7214, 15.8581, 19.1083



15.7026, 15.8581, 6.4497



10.5569, 15.8581, 15.5475



14.4597, 15.8581, 36.1957

Rectangle

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



20.7214, 15.8581, 19.1083



19.1179, 15.8581, 9.0993



10.5569, 15.8581, 15.5475



11.6425, 15.8581, 29.2641

Sweetspot

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



20.7219, 15.8589, 19.1086



50.3865, 48.9905, 55.3370



18.7831, 14.5440, 33.2699



10.9510, 10.5602, 11.9690



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.7219, 15.8589, 19.1086



34.7153, 24.3649, 29.4057



19.8202, 16.2660, 11.9935



6.7416, 6.6896, 7.4904



12.0906, 6.1408, 4.7283



0.2367, 0.1180, 0.1928

Inverse Universe

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



20.7219, 15.8589, 19.1086



34.7153, 24.3649, 29.4057



21.3153, 26.6242, 35.4682



6.7416, 6.6896, 7.4904



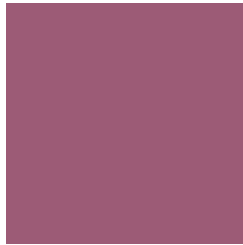
12.0906, 6.1408, 4.7283



0.2367, 0.1180, 0.1928

Previews

White Background



This preview shows how the XYZ color 20.7214, 15.8581, 19.1083 looks on a white background.

Color Contrast Check

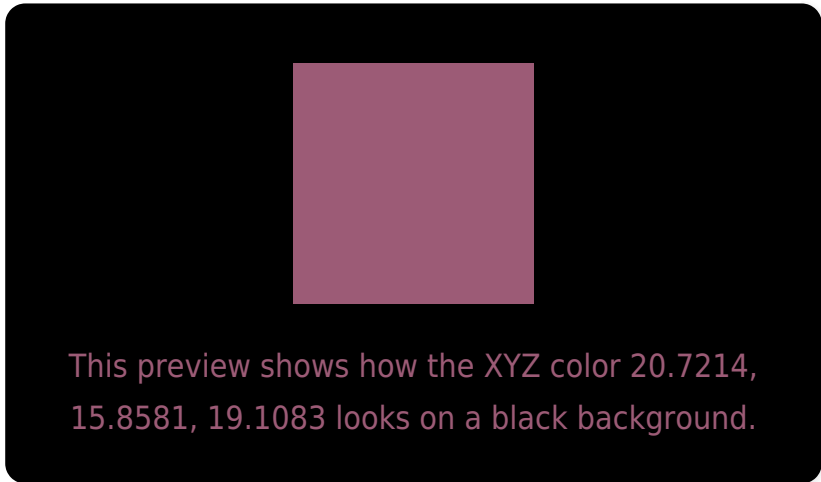
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

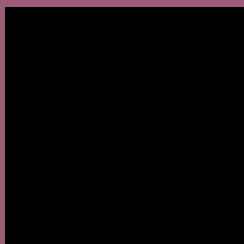
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7214, 15.8581, 19.1083

Background



This preview shows how black text looks on a background with the XYZ color 20.7214, 15.8581, 19.1083.



This preview shows how white text looks on a background with the XYZ color 20.7214, 15.8581,

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

20.7214, 15.8581, 19.1083

Protanopia

15.7895, 15.9517, 23.3659

Deuteranopia

16.2028, 15.9560, 18.4455



Tritanopia

19.6781, 15.8150, 14.3274

Trichromacy



Original Color

20.7214, 15.8581, 19.1083

Protanomaly

17.0736, 15.5668, 21.8435

Deuteranomaly

17.5766, 15.7502, 18.6367

Tritanomaly

20.0858, 15.8588, 15.9123

Monochromacy



Original Color

20.7214, 15.8581, 19.1083

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.3018, 16.2130, 18.4372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7214, 15.8581, 19.1083 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(156, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(156, 91, 118)  
}
```

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(156, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 91, 118) }
```

Border

The CSS property to change the border of an element to XYZ 20.7214, 15.8581, 19.1083 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(156, 91, 118) }
```


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

```
.border{ border-color:rgb(156, 91, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(156, 91,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7214, 15.8581, 19.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 91, 118) }
```

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

```
.background{ background-color: rgb(156, 91,  
118) }
```

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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