

Converting Colors

XYZ(20.7872, 20.5833, 15.7093)

Have a look what the booklet for
XYZ(20.7872, 20.5833, 15.7093)
contains.

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Color

**XYZ(20.7872, 20.5833,
15.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	907967
RGB	144, 121, 103
RGB Percent	56%, 47%, 40%
CMY	0.4353, 0.5255, 0.5961
CMYK	0.00, 0.16, 0.28, 0.44
HSL	26°, 17%, 48%
HSV	26°, 28%, 56%
XYZ	20.7872, 20.5833, 15.7093
YIQ	125.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

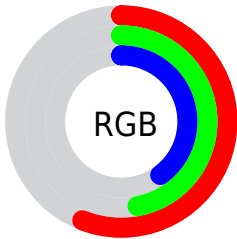
Format	Color
R_{YB}	144, 135, 103
Decimal	9468263
CIE _{Lab}	52.49, 6.03, 13.19
CIE _{LCh}	52, 14.503, 65.433
Yxy	20.5833, 0.3642, 0.3606
Android (android.graphics.Color)	4287658343 (0xFF907967)
YUV	125.8250, -11.2527, 15.9395
Hunter-Lab	45.3688, 2.3901, 11.2286

Details

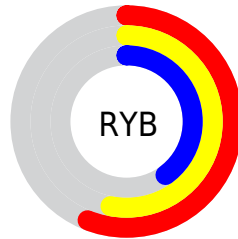
The XYZ color **20.7872, 20.5833, 15.7093** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0883, 19.8184, 29.2578**, and the grayscale version is **19.8046, 20.8359, 22.6903**.

A 20% lighter version of the original color is **44.0650, 44.2260, 36.7858**, and **7.6106, 7.3778, 4.7643** is the 20% darker color. If you saturate the color by 10%, you get **19.1851, 18.4378, 11.9112**, and if you desaturate by 10%, it is **22.5971, 22.9449, 20.1913**.

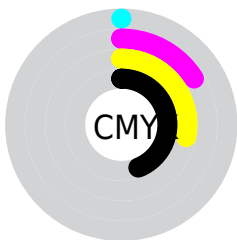
Distribution



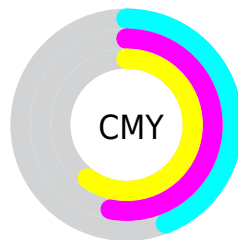
- Red (56%)
- Green (47%)
- Blue (40%)



- Red (56%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (44%)




- Cyan (44%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.7872, 20.5833, 15.7093 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 20.7872, 20.5833, 15.7093 by changing the saturation by 10% instead.


 20.7872, 20.5833,
15.7093


 20.7872, 20.5833,
15.7093


248.8986,
255.0556, 239.4070


 13.0801, 12.8198,
9.1666


 44.2271, 44.3930,
36.8525


 7.5611, 7.3045,
4.7517


 60.6905, 61.2079,
52.2901

 3.8649, 3.6533,
2.0461

 80.8035, 81.8088,
71.5297

 1.6260, 1.4816,
0.5834

 104.9314,
106.5799, 94.9899

 0.4092, 0.2757,
0.0000

133.4395,
135.9058, 123.0892

 0.0000, 0.0000,
0.0000

166.6931,

170.1708, 156.2461

205.0577,
209.7592, 194.8792

■ 20.7872, 20.5833,
15.7093

■ 20.7872, 20.5833,
15.7093

■ 19.1851, 18.4378,
11.9112

■ 22.5971, 22.9449,
20.1913

■ 17.7808, 16.4990,
8.7616

■ 24.6211, 25.5261,
25.3878

■ 16.5657, 14.7608,
6.2234

■ 26.8670, 28.3336,
31.3291

■ 15.5302, 13.2160,
4.2557

■ 29.3420, 31.3732,
38.0433

■ 14.6632, 11.8565,
2.8121

■ 32.0527, 34.6505,
45.5569

■ 13.9523, 10.6736,
1.8389

■ 35.0055, 38.1707,
53.8955

■ 13.3734, 9.6535,
1.2216

■ 38.2067, 41.9388,
63.0832

■ 13.2920, 9.5098,
1.1350

■ 41.6620, 45.9600,
73.1433

■ 45.3774, 50.2389,
84.0981

Harmonies

Analogous

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



22.0084, 20.5833, 17.9572



20.7872, 20.5833, 15.7093



19.2921, 20.5833, 15.1554

Triad

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



20.7872, 20.5833, 15.7093



16.8316, 20.5833, 23.2027



21.2835, 20.5833, 29.8356

Complementary

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



20.7872, 20.5833, 15.7093



18.0883, 19.8184, 29.2578

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.



19.8381, 20.5833, 31.6782



20.7872, 20.5833, 15.7093



17.3073, 20.5833, 27.5480

Square

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



20.7872, 20.5833, 15.7093



17.0569, 20.5833, 19.1509



18.3894, 20.5833, 30.7918



22.3050, 20.5833, 26.0231

Rectangle

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



20.7872, 20.5833, 15.7093



18.3515, 20.5833, 15.7510



18.3894, 20.5833, 30.7918



20.8284, 20.5833, 30.7267

Sweetspot

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



20.7877, 20.5842, 15.7097



43.1582, 44.6841, 44.0818



20.1331, 17.1424, 22.0656



9.7845, 10.1044, 9.8163



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.7877, 20.5842, 15.7097



34.8628, 33.9050, 23.3995



23.5143, 26.0373, 16.6186



5.5915, 5.7894, 5.7121



11.5975, 8.3267, 0.9960



0.1322, 0.1223, 0.0166

Inverse Universe

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



18.0883, 19.8184, 29.2578



29.3154, 32.3286, 51.2330



15.7544, 15.1506, 28.4798



5.3647, 5.7252, 6.8511



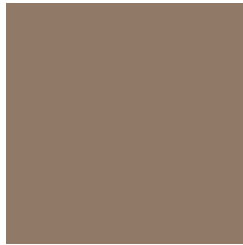
6.9549, 6.8958, 23.9415



0.0885, 0.1099, 0.2362

Previews

White Background



This preview shows how the XYZ color 20.7872, 20.5833, 15.7093 looks on a white 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

Black Background



This preview shows how the XYZ color 20.7872, 20.5833, 15.7093 looks on a black 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

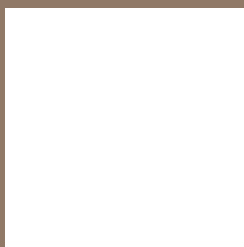
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7872, 20.5833, 15.7093

Background



This preview shows how black text looks on a background with the XYZ color 20.7872, 20.5833, 15.7093.



This preview shows how white text looks on a background with the XYZ color 20.7872, 20.5833,

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

20.7872, 20.5833, 15.7093

Protanopia

19.3991, 20.5927, 16.3169

Deuteranopia

20.9626, 20.6738, 15.7175



Tritanopia

22.3418, 20.6922, 22.8951

Trichromacy



Original Color

20.7872, 20.5833, 15.7093

Protanomaly

19.8597, 20.6490, 16.0356

Deuteranomaly

20.9626, 20.6738, 15.7175

Tritanomaly

21.7209, 20.6126, 19.9734

Monochromacy



Original Color

20.7872, 20.5833, 15.7093

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1505, 20.7099, 20.0749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7872, 20.5833, 15.7093 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(144, 121, 103)` looks like.

```
.text, #text, p{  
    color:rgb(144, 121, 103)  
}
```

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(144, 121, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 121, 103) }
```

Border

The CSS property to change the border of an element to XYZ 20.7872, 20.5833, 15.7093 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(144, 121, 103) }
```


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

```
.border{ border-color:rgb(144, 121, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 121, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 121, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 121, 103);  
box-shadow:4px 4px 4px 4px rgb(144, 121,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7872, 20.5833, 15.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 121, 103) }
```

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

```
.background{ background-color: rgb(144,  
121, 103) }
```

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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