

Converting Colors

XYZ(20.8610, 20.7825, 10.9347)

Have a look what the booklet for
XYZ(20.8610, 20.7825, 10.9347)
contains.

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Color

**XYZ(20.7548, 20.6735,
10.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	957952
RGB	149, 121, 82
RGB Percent	58%, 47%, 32%
CMY	0.4157, 0.5255, 0.6784
CMYK	0.00, 0.19, 0.45, 0.42
HSL	35°, 29%, 45%
HSV	35°, 45%, 58%
XYZ	20.7548, 20.6735, 10.8791
YIQ	124.9260, 29.2070, -6.1930

Conversions

Conversions Part 2

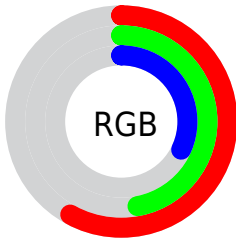
Format	Color
R_{YB}	130, 149, 82
Decimal	9795922
CIE _{Lab}	52.59, 5.44, 25.45
CIE _{LCh}	53, 26.029, 77.931
Yxy	20.6735, 0.3968, 0.3952
Android (android.graphics.Color)	4287986002 (0xFF957952)
YUV	124.9260, -21.1625, 21.1129
Hunter-Lab	45.4681, 1.9106, 17.6414

Details

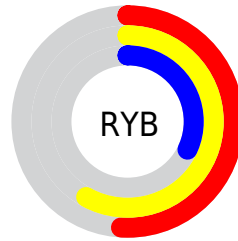
The XYZ color **20.7548, 20.6735, 10.8791** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.4802, 15.1151, 30.5881**, and the grayscale version is **19.5306, 20.5477, 22.3765**.

A 20% lighter version of the original color is **44.0103, 44.3905, 28.0784**, and **7.5249, 7.3793, 2.6968** is the 20% darker color. If you saturate the color by 10%, you get **19.5160, 19.0069, 7.9662**, and if you desaturate by 10%, it is **22.1666, 22.4890, 14.4576**.

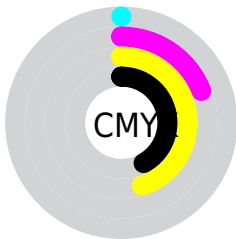
Distribution



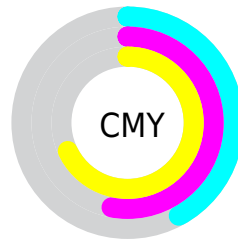
- Red (58%)
- Green (47%)
- Blue (32%)



- Red (51%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (19%)
- Yellow (45%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7548, 20.6735, 10.8791 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 20.7548, 20.6735, 10.8791 by changing the saturation by 10% instead.

■ 20.7548, 20.6735,
10.8791

■ 20.7548, 20.6735,
10.8791

248.7290,
255.5382, 207.5438

■ 13.0563, 12.8856,
5.8724

■ 44.1735, 44.5435,
28.0696

■ 7.5446, 7.3498,
2.7001

■ 60.6243, 61.3944,
41.0905

■ 3.8543, 3.6818,
0.9435

■ 80.7234, 82.0350,
57.6200

■ 1.6200, 1.4972,
0.0000

■ 104.8360,
106.8497, 78.0765

■ 0.4054, 0.2868,
0.0000

■ 133.3275,
136.2230, 102.8786

■ 0.0000, 0.0000,
0.0000

166.5633,

170.5393, 132.4448

204.9086,
210.1829, 167.1937

■ 20.7548, 20.6735,
10.8791

■ 20.7548, 20.6735,
10.8791

■ 19.5160, 19.0069,
7.9662

■ 22.1666, 22.4890,
14.4576

■ 18.4397, 17.4812,
5.6749

■ 23.7581, 24.4552,
18.7394

■ 17.5165, 16.0919,
3.9580

■ 25.5375, 26.5775,
23.7607

■ 16.7351, 14.8330,
2.7605

■ 27.5118, 28.8601,
29.5550

■ 16.0810, 13.6970,
2.0116

■ 29.6878, 31.3070,
36.1536

■ 15.7815, 13.1638,
1.7091

■ 32.0719, 33.9220,
43.5861

■ 34.6701, 36.7089,
51.8806

■ 37.4883, 39.6712,
61.0639

■ 40.5320, 42.8123,
71.1616

Harmonies

Analogous

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



23.3360, 20.6735, 13.1809



20.7548, 20.6735, 10.8791



18.0947, 20.6735, 11.1232

Triad

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



20.7548, 20.6735, 10.8791



15.1138, 20.6735, 27.4029



23.7594, 20.6735, 34.0096

Complementary

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



20.7548, 20.6735, 10.8791



14.4802, 15.1151, 30.5881

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.



21.2910, 20.6735, 39.8194



20.7548, 20.6735, 10.8791



16.3733, 20.6735, 35.4444

Square

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



20.7548, 20.6735, 10.8791



14.9988, 20.6735, 19.5429



18.5842, 20.6735, 40.3975



25.1741, 20.6735, 25.7630

Rectangle

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



20.7548, 20.6735, 10.8791



16.6288, 20.6735, 12.7039



18.5842, 20.6735, 40.3975



23.0156, 20.6735, 36.3865

Sweetspot

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



20.7553, 20.6745, 10.8795



46.3111, 48.2722, 44.2191



18.2829, 13.5728, 16.7049



10.1110, 10.5196, 9.3602



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.7553, 20.6745, 10.8795



34.9238, 34.0018, 14.2061



23.8655, 28.0815, 12.1453



6.0643, 6.3425, 6.1451



13.3121, 11.1386, 1.4483



0.1921, 0.1947, 0.0275

Inverse Universe

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



14.4802, 15.1151, 30.5881



22.2200, 22.7588, 54.1430



12.3232, 10.2054, 29.7541



5.6867, 6.0074, 7.3296



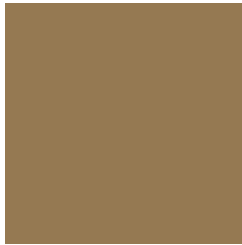
6.0557, 4.8061, 24.5395



0.1021, 0.1149, 0.3097

Previews

White Background



This preview shows how the XYZ color 20.7548, 20.6735, 10.8791 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 20.7548, 20.6735, 10.8791 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 20.7548, 20.6735, 10.8791

Background



This preview shows how black text looks on a background with the XYZ color 20.7548, 20.6735, 10.8791.



This preview shows how white text looks on a background with the XYZ color 20.7548, 20.6735,

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

20.7548, 20.6735, 10.8791

Protanopia

19.2144, 20.7960, 11.3888

Deuteranopia

21.0020, 20.6214, 10.8561



Tritanopia

23.0839, 20.7438, 22.1893

Trichromacy



Original Color

20.7548, 20.6735, 10.8791

Protanomaly

19.7535, 20.7026, 11.1385

Deuteranomaly

20.8171, 20.5262, 10.8474

Tritanomaly

22.1876, 20.7364, 17.3011

Monochromacy



Original Color

20.7548, 20.6735, 10.8791

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7995, 20.5878, 17.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7548, 20.6735, 10.8791 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(149, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 82)  
}
```

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(149, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 82) }
```

Border

The CSS property to change the border of an element to XYZ 20.7548, 20.6735, 10.8791 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(149, 121, 82) }
```


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

```
.border{ border-color:rgb(149, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7548, 20.6735, 10.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 82) }
```

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

```
.background{ background-color: rgb(149,  
121, 82) }
```

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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