

Converting Colors

XYZ(22.8235, 21.5650, 18.8791)

Have a look what the booklet for
XYZ(22.8235, 21.5650, 18.8791)
contains.

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Color

**XYZ(22.8235, 21.5650,
18.8791)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 987972 |
| RGB | 152, 121, 114 |
| RGB Percent | 60%, 47%, 45% |
| CMY | 0.4039, 0.5255, 0.5529 |
| CMYK | 0.00, 0.20, 0.25, 0.40 |
| HSL | 11°, 16%, 52% |
| HSV | 11°, 25%, 60% |
| XYZ | 22.8235, 21.5650, 18.8791 |
| YIQ | 129.4710, 20.7230, 4.3950 |

Conversions

Conversions Part 2

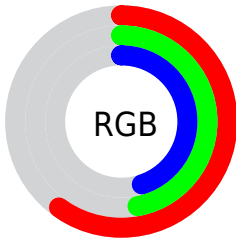
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 152, 123, 114 |
| Decimal | 9992562 |
| CIE _{Lab} | 53.56, 10.94, 8.41 |
| CIE _{LCh} | 54, 13.800, 37.551 |
| Yxy | 21.5650, 0.3607, 0.3409 |
| Android (android.graphics.Color) | 4288182642 (0xFF987972) |
| YUV | 129.4710, -7.6272, 19.7579 |
| Hunter-Lab | 46.4381, 6.4628, 8.4028 |

Details

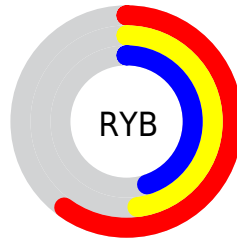
The XYZ color **22.8235, 21.5650, 18.8791** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7321, 26.0945, 33.5445**, and the grayscale version is **21.0528, 22.1492, 24.1205**.

A 20% lighter version of the original color is **47.5586, 45.9057, 42.4305**, and **8.5563, 7.7374, 6.1968** is the 20% darker color. If you saturate the color by 10%, you get **20.6181, 18.4256, 14.2243**, and if you desaturate by 10%, it is **25.3675, 25.1513, 24.3566**.

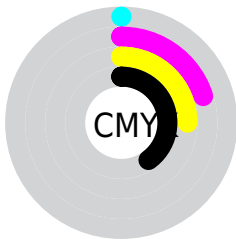
Distribution



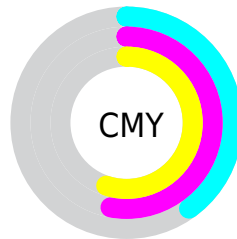
- Red (60%)
- Green (47%)
- Blue (45%)



- Red (60%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8235, 21.5650, 18.8791 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 22.8235, 21.5650, 18.8791 by changing the saturation by 10% instead.

■ 22.8235, 21.5650,
18.8791

■ 22.8235, 21.5650,
18.8791

259.3695,
260.2661, 258.1810

■ 14.5832, 13.5376,
11.4070

■ 47.5721, 46.0260,
42.3637

■ 8.6118, 7.7998,
6.2237

■ 64.8112, 63.2284,
59.2133

■ 4.5439, 3.9671,
2.9106

■ 85.7806, 84.2579,
80.0258

■ 2.0142, 1.6552,
1.0492

■ 110.8456,
109.4989, 105.2197

■ 0.6419, 0.3944,
0.0000

140.3717,
139.3358, 135.2137

■ 0.0000, 0.0000,
0.0000

174.7241,

174.1531, 170.4262

214.2682,
214.3350, 211.2758

■ 22.8235, 21.5650,
18.8791

■ 22.8235, 21.5650,
18.8791

■ 20.6181, 18.4256,
14.2243

■ 25.3675, 25.1513,
24.3566

■ 18.7353, 15.7127,
10.3512

■ 28.2620, 29.1979,
30.6927

■ 17.1600, 13.4084,
7.2169

■ 31.5203, 33.7216,
37.9226

■ 15.8755, 11.4929,
4.7740

■ 35.1546, 38.7374,
46.0792

■ 14.8633, 9.9443,
2.9698

■ 39.1764, 44.2593,
55.1939

■ 14.1026, 8.7385,
1.7436

■ 43.5968, 50.3012,
65.2962

■ 13.5687, 7.8483,
1.0180

■ 48.4265, 56.8762,
76.4148

■ 13.3645, 7.5065,
0.7445

■ 53.6756, 63.9970,
88.5770

■ 59.3541, 71.6758,
101.8090

Harmonies

Analogous

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



23.4324, 21.5650, 22.4316



22.8235, 21.5650, 18.8791



21.5967, 21.5650, 16.7580

Triad

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



22.8235, 21.5650, 18.8791



17.9909, 21.5650, 20.5195



20.8710, 21.5650, 32.4669

Complementary

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



22.8235, 21.5650, 18.8791



22.7321, 26.0945, 33.5445

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.



19.4351, 21.5650, 31.7965



22.8235, 21.5650, 18.8791



17.8174, 21.5650, 24.5619

Square

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



22.8235, 21.5650, 18.8791



18.8200, 21.5650, 17.6231



18.3340, 21.5650, 28.7750



22.2706, 21.5650, 30.5106

Rectangle

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



22.8235, 21.5650, 18.8791



20.6181, 21.5650, 16.2780



18.3340, 21.5650, 28.7750



20.3762, 21.5650, 32.5450

Sweetspot

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



22.8241, 21.5660, 18.8795



48.7403, 49.9411, 51.6555



24.0798, 20.7556, 29.5388



11.0155, 11.2637, 11.6032



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.8241, 21.5660, 18.8795



38.0406, 34.8759, 28.5614



25.3595, 26.6369, 19.7247



6.2963, 6.3978, 6.5089



11.2234, 6.3292, 0.6301



0.1878, 0.1347, 0.0161

Inverse Universe

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



22.7321, 26.0945, 33.5445



37.8459, 44.2627, 58.9825



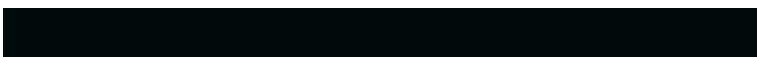
20.0723, 20.7749, 32.6579



6.2878, 6.8329, 7.9165



10.8150, 14.0267, 27.0451



0.1839, 0.2542, 0.4117

Previews

White Background



This preview shows how the XYZ color 22.8235, 21.5650, 18.8791 looks on a white background.

Color Contrast Check

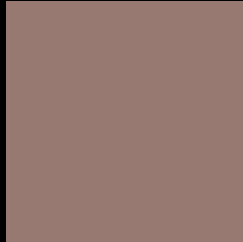
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8235, 21.5650, 18.8791 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 22.8235, 21.5650, 18.8791

Background



This preview shows how black text looks on a background with the XYZ color 22.8235, 21.5650, 18.8791.



This preview shows how white text looks on a background with the XYZ color 22.8235, 21.5650,

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

22.8235, 21.5650, 18.8791

Protanopia

20.6621, 21.7329, 20.2454

Deuteranopia

21.9743, 21.4918, 18.9098



Tritanopia

23.8195, 21.6222, 23.3401

Trichromacy



Original Color

22.8235, 21.5650, 18.8791

Protanomaly

21.3597, 21.5270, 19.8590

Deuteranomaly

22.2095, 21.4299, 18.8854

Tritanomaly

23.4285, 21.6353, 21.6801

Monochromacy



Original Color

22.8235, 21.5650, 18.8791

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4155, 21.6953, 22.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8235, 21.5650, 18.8791 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(152, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 114)  
}
```

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(152, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 114) }
```

Border

The CSS property to change the border of an element to XYZ 22.8235, 21.5650, 18.8791 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(152, 121, 114) }
```


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

```
.border{ border-color:rgb(152, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8235, 21.5650, 18.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 114) }
```

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

```
.background{ background-color: rgb(152,  
121, 114) }
```

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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