

Converting Colors

XYZ(20.6154, 18.6338, 13.0137)

Have a look what the booklet for
XYZ(20.6154, 18.6338, 13.0137)
contains.

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Color

**XYZ(20.7332, 18.7323,
13.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	996E5E
RGB	153, 110, 94
RGB Percent	60%, 43%, 37%
CMY	0.4000, 0.5686, 0.6314
CMYK	0.00, 0.28, 0.39, 0.40
HSL	16°, 24%, 48%
HSV	16°, 39%, 60%
XYZ	20.7332, 18.7323, 13.1126
YIQ	121.0330, 30.7640, 4.1400

Conversions

Conversions Part 2

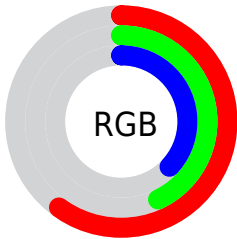
Format	Color
R_{YB}	153, 116, 94
Decimal	10055262
CIE _{Lab}	50.37, 14.90, 15.67
CIE _{LCh}	50, 21.621, 46.447
Yxy	18.7323, 0.3943, 0.3563
Android (android.graphics.Color)	4288245342 (0xFF996E5E)
YUV	121.0330, -13.3273, 28.0351
Hunter-Lab	43.2808, 9.7670, 12.3338

Details

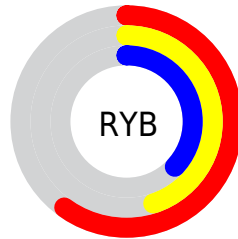
The XYZ color **20.7332, 18.7323, 13.1126** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3112, 22.5702, 33.4758**, and the grayscale version is **18.2198, 19.1686, 20.8746**.

A 20% lighter version of the original color is **44.2489, 41.4096, 32.0462**, and **7.5117, 6.3680, 3.6295** is the 20% darker color. If you saturate the color by 10%, you get **18.9853, 16.2285, 9.4720**, and if you desaturate by 10%, it is **22.7696, 21.5951, 17.5213**.

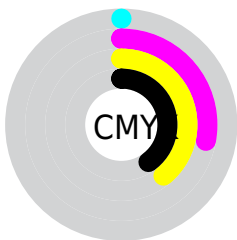
Distribution



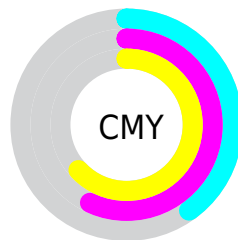
- Red (60%)
- Green (43%)
- Blue (37%)



- Red (60%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7332, 18.7323, 13.1126 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 20.7332, 18.7323, 13.1126 by changing the saturation by 10% instead.

■ 20.7332, 18.7323,
13.1126

■ 20.7332, 18.7323,
13.1126

248.6158,
244.9669, 222.8712

■ 13.0405, 11.4770,
7.3745

■ 44.1377, 41.2813,
32.2001

■ 7.5336, 6.3886,
3.6154

■ 60.5802, 57.3437,
46.3865

■ 3.8473, 3.0828,
1.4168

■ 80.6700, 77.1107,
64.2262

■ 1.6161, 1.1751,
0.1548

■ 104.7724,
100.9665, 86.1375

■ 0.4029, 0.0412,
0.0000

133.2529,
129.2957, 112.5392

■ 0.0000, 0.0000,
0.0000

166.4767,

162.4825, 143.8496

204.8092,
200.9115, 180.4874

■ 20.7332, 18.7323,
13.1126

■ 20.7332, 18.7323,
13.1126

■ 18.9853, 16.2285,
9.4720

■ 22.7696, 21.5951,
17.5213

■ 17.5108, 14.0666,
6.5538

■ 25.1057, 24.8279,
22.7377

■ 16.2953, 12.2321,
4.3094

■ 27.7540, 28.4444,
28.8002

■ 15.3222, 10.7081,
2.6836

■ 30.7258, 32.4568,
35.7443

■ 14.5731, 9.4764,
1.6121

■ 34.0317, 36.8767,
43.6034

■ 14.0166, 8.5125,
0.9675

■ 37.6819, 41.7155,
52.4094

■ 13.9472, 8.3930,
0.8849

■ 41.6862, 46.9837,
62.1924

■ 46.0540, 52.6918,
72.9812

■ 50.7941, 58.8498,
84.8035

Harmonies

Analogous

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



21.9634, 18.7323, 17.2950



20.7332, 18.7323, 13.1126



18.7673, 18.7323, 11.0953

Triad

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



20.7332, 18.7323, 13.1126



14.1614, 18.7323, 17.8053



18.9721, 18.7323, 33.6145

Complementary

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



20.7332, 18.7323, 13.1126



19.3112, 22.5702, 33.4758

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.



16.8752, 18.7323, 33.8259



20.7332, 18.7323, 13.1126



14.2068, 18.7323, 23.8478

Square

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



20.7332, 18.7323, 13.1126



15.0362, 18.7323, 13.4226



15.1654, 18.7323, 29.9746



20.8932, 18.7323, 29.4439

Rectangle

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



20.7332, 18.7323, 13.1126



17.3550, 18.7323, 10.9304



15.1654, 18.7323, 29.9746



18.2616, 18.7323, 34.1757

Sweetspot

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



20.7337, 18.7332, 13.1130



47.8946, 48.4787, 47.4069



21.6742, 16.5917, 25.8276



10.4533, 10.5377, 10.1875



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.



20.7337, 18.7332, 13.1130



34.4834, 29.7616, 17.9493



24.4238, 26.1135, 14.3430



6.3384, 6.4818, 6.5229



11.5518, 6.9861, 0.7396



0.1999, 0.1588, 0.0201

Inverse Universe

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



19.3112, 22.5702, 33.4758



31.5616, 37.5741, 59.5610



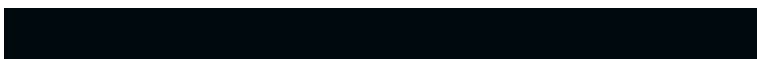
15.7040, 15.3558, 32.2734



6.2428, 6.7430, 7.9015



9.5240, 11.4446, 26.6148



0.1719, 0.2301, 0.4077

Previews

White Background



This preview shows how the XYZ color 20.7332, 18.7323, 13.1126 looks on a white background.

Color Contrast Check

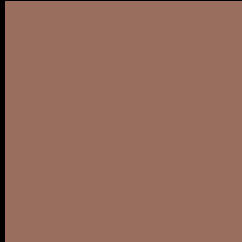
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7332, 18.7323, 13.1126 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 20.7332, 18.7323, 13.1126

Background



This preview shows how black text looks on a background with the XYZ color 20.7332, 18.7323, 13.1126.



This preview shows how white text looks on a background with the XYZ color 20.7332, 18.7323,

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

20.7332, 18.7323, 13.1126

Protanopia

17.7210, 18.8458, 14.5080

Deuteranopia

19.0910, 18.7145, 12.9620



Tritanopia

21.8698, 18.7218, 18.6807

Trichromacy



Original Color

20.7332, 18.7323, 13.1126

Protanomaly

18.5564, 18.5881, 13.9191

Deuteranomaly

19.5580, 18.6203, 12.9192

Tritanomaly

21.3428, 18.6567, 16.3861

Monochromacy



Original Color

20.7332, 18.7323, 13.1126

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9034, 18.8568, 17.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7332, 18.7323, 13.1126 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(153, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 94)  
}
```

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(153, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 94) }
```

Border

The CSS property to change the border of an element to XYZ 20.7332, 18.7323, 13.1126 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(153, 110, 94) }
```


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

```
.border{ border-color:rgb(153, 110, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7332, 18.7323, 13.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 94) }
```

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

```
.background{ background-color: rgb(153,  
110, 94) }
```

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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