

Converting Colors

XYZ(21.5582, 19.0350, 13.3941)

Have a look what the booklet for
XYZ(21.5582, 19.0350, 13.3941)
contains.

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Color

**XYZ(21.4388, 18.9316,
13.3507)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6D5F
RGB	157, 109, 95
RGB Percent	62%, 43%, 37%
CMY	0.3843, 0.5725, 0.6274
CMYK	0.00, 0.31, 0.39, 0.38
HSL	14°, 25%, 49%
HSV	14°, 39%, 62%
XYZ	21.4388, 18.9316, 13.3507
YIQ	121.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

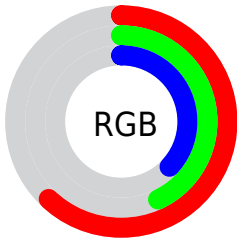
Format	Color
R _{YB}	157, 113, 95
Decimal	10317151
CIE Lab	50.61, 17.26, 15.48
CIE LCh	51, 23.187, 41.883
Yxy	18.9316, 0.3991, 0.3524
Android (android.graphics.Color)	4288507231 (0xFF9D6D5F)
YUV	121.7560, -13.1907, 30.9090
Hunter-Lab	43.5105, 11.8086, 12.2648

Details

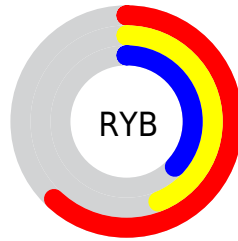
The XYZ color **21.4388, 18.9316, 13.3507** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6271, 24.5111, 35.5421**, and the grayscale version is **18.4536, 19.4146, 21.1425**.

A 20% lighter version of the original color is **45.2963, 41.6802, 32.4458**, and **7.9320, 6.5023, 3.7427** is the 20% darker color. If you saturate the color by 10%, you get **19.5877, 16.2587, 9.5606**, and if you desaturate by 10%, it is **23.6140, 22.0224, 17.9589**.

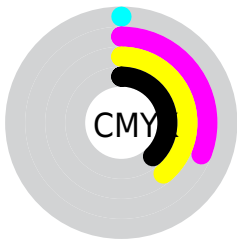
Distribution



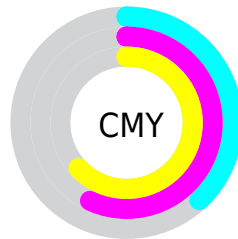
- Red (62%)
- Green (43%)
- Blue (37%)



- Red (62%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)
- Black (38%)



- Cyan (38%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4388, 18.9316, 13.3507 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 21.4388, 18.9316, 13.3507 by changing the saturation by 10% instead.

■ 21.4388, 18.9316,
13.3507

■ 21.4388, 18.9316,
13.3507

252.2892,
246.0709, 224.4394

■ 13.5594, 11.6209,
7.5369

■ 45.3025, 41.6185,
32.6328

■ 7.8945, 6.4861,
3.7166

■ 62.0175, 57.7634,
46.9382

■ 4.0788, 3.1428,
1.4712

■ 82.4084, 77.6219,
64.9112

■ 1.7468, 1.2068,
0.1963

■ 106.8406,
101.5783, 86.9703

■ 0.4853, 0.0672,
0.0000

135.6794,
130.0170, 113.5342

■ 0.0000, 0.0000,
0.0000

169.2902,

163.3224, 145.0213

208.0384,
201.8789, 181.8502

■ 21.4388, 18.9316,
13.3507

■ 21.4388, 18.9316,
13.3507

■ 19.5877, 16.2587,
9.5606

■ 23.6140, 22.0224,
17.9589

■ 18.0433, 13.9830,
6.5392

■ 26.1267, 25.5455,
23.4283

■ 16.7886, 12.0859,
4.2336


■ 28.9914, 29.5176,
29.8004


■ 15.8043, 10.5460,
2.5835


■ 32.2211, 33.9541,
37.1135


■ 15.0685, 9.3402,
1.5187


■ 35.8284, 38.8694,
45.4039


 14.5423, 8.4365,
0.8849

 39.8249, 44.2773,
54.7059

 14.5193, 8.3974,
0.8556

 44.2220, 50.1910,
65.0520

 49.0307, 56.6234,
76.4733

 54.2612, 63.5868,
88.9998

Harmonies

Analogous

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



22.6062, 18.9316, 18.1476



21.4388, 18.9316, 13.3507



19.3839, 18.9316, 10.8780

Triad

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



21.4388, 18.9316, 13.3507



14.1603, 18.9316, 16.9695



18.9067, 18.9316, 35.4046

Complementary

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



21.4388, 18.9316, 13.3507



20.6271, 24.5111, 35.5421

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.



16.6720, 18.9316, 34.9030



21.4388, 18.9316, 13.3507



14.0560, 18.9316, 23.2927

Square

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



21.4388, 18.9316, 13.3507



15.2374, 18.9316, 12.6449



14.9394, 18.9316, 30.1231



21.0643, 18.9316, 31.3764

Rectangle

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



21.4388, 18.9316, 13.3507



17.8510, 18.9316, 10.4831



14.9394, 18.9316, 30.1231



18.1376, 18.9316, 35.7800

Sweetspot

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



21.4393, 18.9325, 13.3511



50.4505, 50.8316, 50.0765



22.9979, 17.3531, 28.3496



10.9658, 10.9976, 10.7166



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.



21.4393, 18.9325, 13.3511



35.5679, 29.8283, 18.1037



25.2657, 26.5853, 14.6265



6.7486, 6.8772, 6.9574



11.8165, 6.8685, 0.7030



0.2394, 0.1791, 0.0220

Inverse Universe

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



20.6271, 24.5111, 35.5421



33.8965, 41.1523, 63.2834



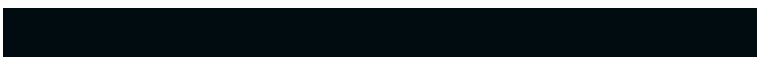
16.6622, 16.5812, 34.2205



6.6947, 7.2552, 8.4542



10.5779, 13.2473, 27.9067



0.2180, 0.2945, 0.5086

Previews

White Background



This preview shows how the XYZ color 21.4388, 18.9316, 13.3507 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 21.4388, 18.9316, 13.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

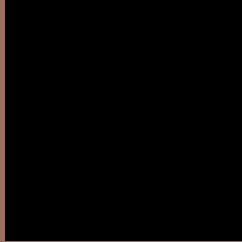
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4388, 18.9316, 13.3507

Background



This preview shows how black text looks on a background with the XYZ color 21.4388, 18.9316, 13.3507.



This preview shows how white text looks on a background with the XYZ color 21.4388, 18.9316,

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

21.4388, 18.9316, 13.3507

Protanopia

18.0397, 19.1840, 14.8087

Deuteranopia

19.4211, 19.0497, 13.2430



Tritanopia

22.4894, 18.8939, 18.3812

Trichromacy



Original Color

21.4388, 18.9316, 13.3507

Protanomaly

19.2134, 19.0934, 14.2280

Deuteranomaly

19.9581, 18.8215, 13.1707

Tritanomaly

22.0121, 18.8460, 16.3874

Monochromacy



Original Color

21.4388, 18.9316, 13.3507

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.2776, 19.0433, 17.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4388, 18.9316, 13.3507 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(157, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 95)  
}
```

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(157, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 95) }
```

Border

The CSS property to change the border of an element to XYZ 21.4388, 18.9316, 13.3507 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(157, 109, 95) }
```


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

```
.border{ border-color:rgb(157, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(157, 109,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4388, 18.9316, 13.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 95) }
```

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

```
.background{ background-color: rgb(157,  
109, 95) }
```

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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