

Converting Colors

XYZ(18.2160, 13.9125, 10.1459)

Have a look what the booklet for
XYZ(18.2160, 13.9125, 10.1459)
contains.

XYZ(18.2881, 13.9493, 10.1161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2881, 13.9493,
10.1161)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5454
RGB	155, 84, 84
RGB Percent	61%, 33%, 33%
CMY	0.3922, 0.6706, 0.6706
CMYK	0.00, 0.46, 0.46, 0.39
HSL	0°, 30%, 47%
HSV	0°, 46%, 61%
XYZ	18.2881, 13.9493, 10.1161
YIQ	105.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

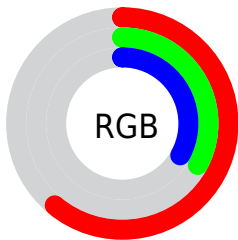
Format	Color
RYB	155, 84, 84
Decimal	10179668
CIELab	44.16, 29.34, 13.14
CIElCh	44, 32.153, 24.124
Yxy	13.9493, 0.4318, 0.3294
Android (android.graphics.Color)	4288369748 (0xFF9B5454)
YUV	105.2290, -10.4659, 43.6492
Hunter-Lab	37.3488, 22.0435, 10.0851

Details

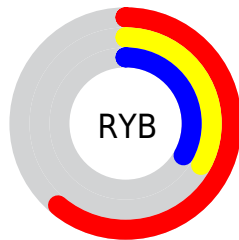
The XYZ color **18.2881, 13.9493, 10.1161** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2932, 27.6927, 35.2332**, and the grayscale version is **13.5092, 14.2127, 15.4776**.

A 20% lighter version of the original color is **40.0490, 33.0184, 26.4527**, and **6.2526, 4.1176, 2.3847** is the 20% darker color. If you saturate the color by 10%, you get **16.6741, 11.5877, 6.9071**, and if you desaturate by 10%, it is **20.3034, 16.8984, 14.1219**.

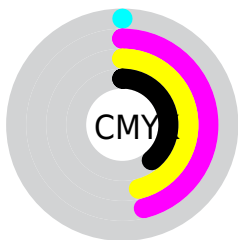
Distribution



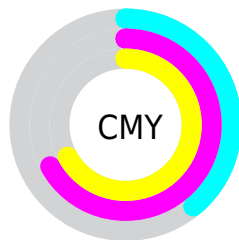
- Red (61%)
- Green (33%)
- Blue (33%)



- Red (61%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (39%)



- Cyan (39%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2881, 13.9493, 10.1161 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 18.2881, 13.9493, 10.1161 by changing the saturation by 10% instead.

■ 18.2881, 13.9493,
10.1161

■ 18.2881, 13.9493,
10.1161

235.5042,
216.9152, 202.0135

■ 11.2580, 8.0854,
5.3694

■ 40.0539, 32.9990,
26.6249

■ 6.3092, 4.1497,
2.4031

■ 55.5202, 46.9537,
39.2240

■ 3.0764, 1.7576,
0.7881

■ 74.5294, 64.3740,
55.2777

■ 1.1943, 0.4606,
0.0000

■ 97.4466, 85.6445,
75.2045

■ 0.1019, 0.0000,
0.0000

■ 124.6374,
111.1494, 99.4230

■ 0.0000, 0.0000,
0.0000

156.4670,

141.2733, 128.3516

193.3009,
176.4004, 162.4089

■ 18.2881, 13.9493,
10.1161

■ 18.2881, 13.9493,
10.1161

■ 16.6741, 11.5877,
6.9071

■ 20.3034, 16.8984,
14.1219

■ 15.4335, 9.7724,
4.4411

■ 22.7431, 20.4685,
18.9720

■ 14.5368, 8.4602,
2.6586


■ 25.6300, 24.6928,
24.7110


■ 13.9494, 7.6006,
1.4909


■ 28.9849, 29.6020,
31.3804


■ 13.6238, 7.1241,
0.8437


■ 32.8272, 35.2243,
39.0189

 13.5176, 6.9687,
0.6326

 37.1754, 41.5869,
47.6630

 42.0468, 48.7150,
57.3472

 47.4580, 56.6331,
68.1048

 53.4249, 65.3644,
79.9671

Harmonies

Analogous

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



18.7943, 13.9493, 16.6808



18.2881, 13.9493, 10.1161



16.3637, 13.9493, 6.3775

Triad

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



18.2881, 13.9493, 10.1161



9.6502, 13.9493, 8.3236



12.7599, 13.9493, 34.0164

Complementary

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



18.2881, 13.9493, 10.1161



21.2932, 27.6927, 35.2332

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.



10.5731, 13.9493, 29.7486



18.2881, 13.9493, 10.1161



8.9327, 13.9493, 13.7878

Square

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



18.2881, 13.9493, 10.1161



11.3431, 13.9493, 5.6006



9.2474, 13.9493, 21.7235



15.3780, 13.9493, 32.0702

Rectangle

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



18.2881, 13.9493, 10.1161



14.6538, 13.9493, 5.2508



9.2474, 13.9493, 21.7235



11.9545, 13.9493, 33.2274

Sweetspot

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



18.2885, 13.9500, 10.1164



46.7666, 45.4892, 45.9760



22.6043, 15.6758, 32.8446



10.3276, 9.9190, 9.8939



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.



18.2885, 13.9500, 10.1164



29.7939, 20.6533, 12.2353



21.7743, 20.9217, 11.2783



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



21.2932, 27.6927, 35.2332



35.8661, 48.4253, 62.9930



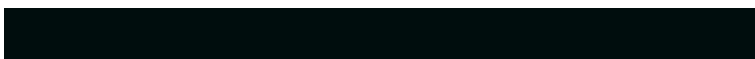
16.2291, 17.5644, 33.5451



6.3846, 7.0265, 7.9487



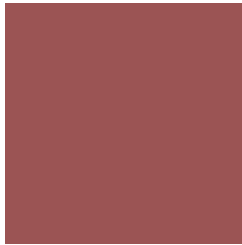
14.1656, 20.7278, 28.1620



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 18.2881, 13.9493, 10.1161 looks on a white background.

Color Contrast Check

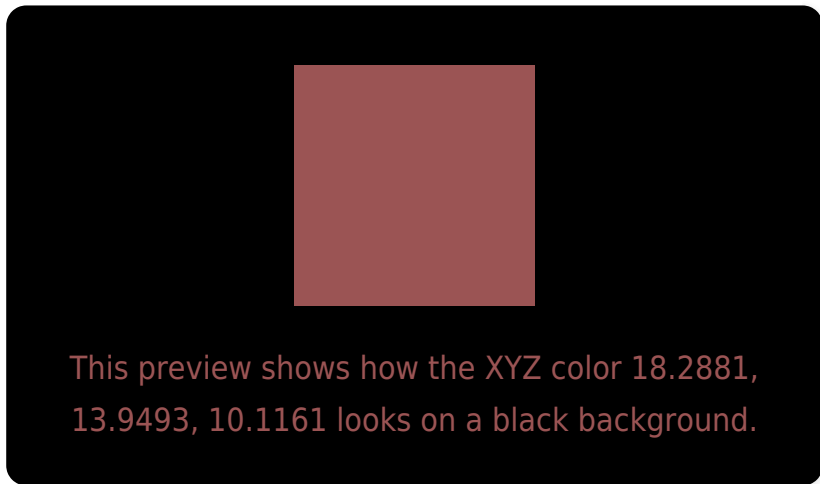
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 18.2881, 13.9493, 10.1161

Background



This preview shows how black text looks on a background with the XYZ color 18.2881, 13.9493, 10.1161.



This preview shows how white text looks on a background with the XYZ color 18.2881, 13.9493,

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

18.2881, 13.9493, 10.1161

Protanopia

13.3786, 14.1625, 12.6182

Deuteranopia

14.3073, 14.1124, 9.7545



Tritanopia

18.4140, 13.8763, 11.1591

Trichromacy



Original Color

18.2881, 13.9493, 10.1161

Protanomaly

14.7243, 13.7232, 11.5456

Deuteranomaly

15.6069, 13.9445, 9.8516

Tritanomaly

18.3311, 13.8432, 10.7227

Monochromacy



Original Color

18.2881, 13.9493, 10.1161

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.6007, 13.6234, 13.1693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2881, 13.9493, 10.1161 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(155, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(155, 84, 84)  
}
```

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(155, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 84, 84) }
```

Border

The CSS property to change the border of an element to XYZ 18.2881, 13.9493, 10.1161 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(155, 84, 84) }
```


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

```
.border{ border-color:rgb(155, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(155, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(155, 84,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2881, 13.9493, 10.1161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 84, 84) }
```

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

```
.background{ background-color: rgb(155, 84,  
84) }
```

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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