

Converting Colors

XYZ(21.4810, 13.7951, 13.7180)

Have a look what the booklet for
XYZ(21.4810, 13.7951, 13.7180)
contains.

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Color

**XYZ(21.5897, 13.8381,
13.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4365
RGB	173, 67, 101
RGB Percent	68%, 26%, 40%
CMY	0.3216, 0.7372, 0.6039
CMYK	0.00, 0.61, 0.42, 0.32
HSL	341°, 44%, 47%
HSV	341°, 61%, 68%
XYZ	21.5897, 13.8381, 13.8450
YIQ	102.5700, 52.2620, 33.0460

Conversions

Conversions Part 2

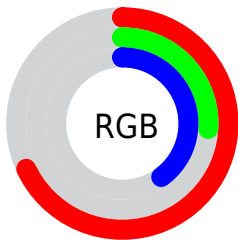
Format	Color
R_{YB}	173, 67, 101
Decimal	11354981
CIE _{Lab}	44.00, 46.45, 2.88
CIE _{LCh}	44, 46.544, 3.543
Yxy	13.8381, 0.4382, 0.2808
Android (android.graphics.Color)	4289545061 (0xFFAD4365)
YUV	102.5700, -0.7740, 61.7671
Hunter-Lab	37.1996, 38.4976, 3.9731

Details

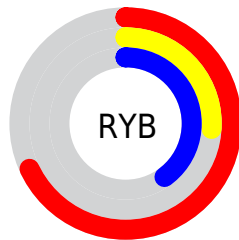
The XYZ color **21.5897, 13.8381, 13.8450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.9193, 32.9449, 29.6319**, and the grayscale version is **12.7716, 13.4367, 14.6326**.

A 20% lighter version of the original color is **45.6627, 32.8557, 33.6409**, and **7.9355, 4.0757, 3.9829** is the 20% darker color. If you saturate the color by 10%, you get **20.1753, 11.8658, 10.7330**, and if you desaturate by 10%, it is **23.3944, 16.4591, 17.4936**.

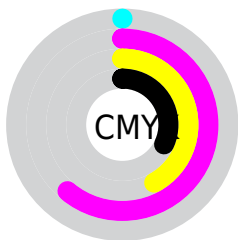
Distribution



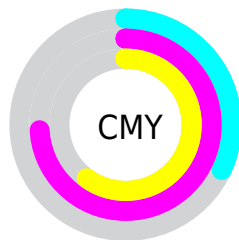
- Red (68%)
- Green (26%)
- Blue (40%)



- Red (68%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (32%)



- Cyan (32%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5897, 13.8381, 13.8450 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 21.5897, 13.8381, 13.8450 by changing the saturation by 10% instead.

21.5897, 13.8381,
13.8450

21.5897, 13.8381,
13.8450

253.0689,
216.2213, 227.6592

13.6706, 8.0081,
7.8754

45.5508, 32.8015,
33.5269

7.9721, 4.1002,
3.9287

62.3236, 46.7037,
48.0763

4.1288, 1.7297,
1.5863

82.7784, 64.0655,
66.3228

1.7752, 0.4428,
0.2810

107.2804, 85.2712,
88.6848

0.5027, 0.0000,
0.0000

136.1952,
110.7052, 115.5809

0.0000, 0.0000,
0.0000

169.8879,

140.7520, 147.4296

208.7240,
175.7959, 184.6496

■ 21.5897, 13.8381,
13.8450

■ 21.5897, 13.8381,
13.8450

■ 20.1753, 11.8658,
10.7330

■ 23.3944, 16.4591,
17.4936

■ 19.1183, 10.4821,
8.1292

■ 25.6163, 19.7777,
21.7035

■ 18.3818, 9.6192,
6.0029

■ 28.2813, 23.8403,
26.4987

■ 17.9349, 9.1647,
4.4993

■ 31.4126, 28.6889,
31.9016

■ 35.0318, 34.3623,
37.9330

■ 39.1592, 40.8965,
44.6131

■ 43.8139, 48.3257,
51.9609

■ 49.0139, 56.6820,
59.9947

■ 54.7764, 65.9960,
68.7319

Harmonies

Analogous

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



20.5896, 13.8381, 26.0656



21.5897, 13.8381, 13.8450



20.0035, 13.8381, 6.3919

Triad

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



21.5897, 13.8381, 13.8450



9.6061, 13.8381, 3.6786



10.2359, 13.8381, 41.5936

Complementary

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



21.5897, 13.8381, 13.8450



21.9193, 32.9449, 29.6319

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.



8.0775, 13.8381, 29.3306



21.5897, 13.8381, 13.8450



7.7645, 13.8381, 7.7015

Square

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



21.5897, 13.8381, 13.8450



12.7187, 13.8381, 2.5197



7.2619, 13.8381, 16.3596



13.5965, 13.8381, 45.8456

Rectangle

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



21.5897, 13.8381, 13.8450



17.8397, 13.8381, 3.9152



7.2619, 13.8381, 16.3596



9.3682, 13.8381, 38.0583

Sweetspot

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



21.5901, 13.8388, 13.8452



58.0805, 54.2251, 60.2061



19.9768, 12.4072, 40.8771



12.2430, 11.1922, 12.4449



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.5901, 13.8388, 13.8452



35.2975, 20.1332, 17.2389



21.4696, 15.7350, 7.2167



8.1072, 8.0561, 8.8751



13.1994, 6.7423, 3.4294



0.3925, 0.1977, 0.2288

Inverse Universe

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



21.5901, 13.8388, 13.8452



35.2975, 20.1332, 17.2389



21.6350, 27.7648, 43.7540



8.1072, 8.0561, 8.8751



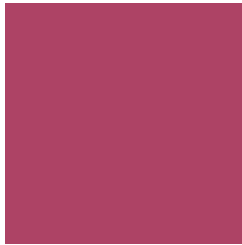
13.1994, 6.7423, 3.4294



0.3925, 0.1977, 0.2288

Previews

White Background



This preview shows how the XYZ color 21.5897, 13.8381, 13.8450 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



This preview shows how the XYZ color 21.5897, 13.8381, 13.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

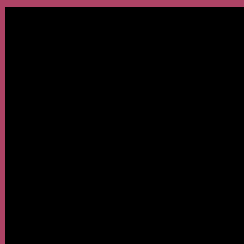
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5897, 13.8381, 13.8450

Background



This preview shows how black text looks on a background with the XYZ color 21.5897, 13.8381, 13.8450.



This preview shows how white text looks on a background with the XYZ color 21.5897, 13.8381,

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

21.5897, 13.8381, 13.8450

Protanopia

13.8923, 14.0974, 20.7278

Deuteranopia

14.2362, 14.0034, 13.0189



Tritanopia

20.4515, 13.8285, 8.6124

Trichromacy



Original Color

21.5897, 13.8381, 13.8450

Protanomaly

15.5880, 13.2320, 17.9521

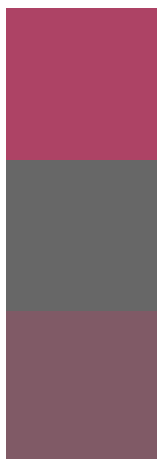
Deuteranomaly

16.2582, 13.4299, 13.2906

Tritanomaly

20.8831, 13.8229, 10.3715

Monochromacy



Original Color

21.5897, 13.8381, 13.8450

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.9565, 12.8608, 14.2645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5897, 13.8381, 13.8450 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(173, 67, 101)` looks like.

```
.text, #text, p{  
    color:rgb(173, 67, 101)  
}
```

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(173, 67, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 67, 101) }
```

Border

The CSS property to change the border of an element to XYZ 21.5897, 13.8381, 13.8450 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(173, 67, 101) }
```


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

```
.border{ border-color:rgb(173, 67, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 67, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 67, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 67, 101);  
box-shadow:4px 4px 4px 4px rgb(173, 67,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5897, 13.8381, 13.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 67, 101) }
```

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

```
.background{ background-color: rgb(173, 67,  
101) }
```

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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