

Converting Colors

XYZ(21.5553, 23.1335, 13.6853)

Have a look what the booklet for
XYZ(21.5553, 23.1335, 13.6853)
contains.

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Color

**XYZ(21.5547, 23.1325,
13.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	8F845D
RGB	143, 132, 93
RGB Percent	56%, 52%, 36%
CMY	0.4392, 0.4823, 0.6353
CMYK	0.00, 0.08, 0.35, 0.44
HSL	47°, 21%, 46%
HSV	47°, 35%, 56%
XYZ	21.5547, 23.1325, 13.6849
YIQ	130.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

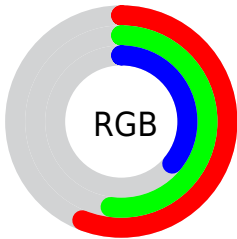
Format	Color
R_{YB}	107, 143, 93
Decimal	9405533
CIE _{Lab}	55.21, -2.02, 22.59
CIE _{LCh}	55, 22.682, 95.119
Yxy	23.1325, 0.3693, 0.3963
Android (android.graphics.Color)	4287595613 (0xFF8F845D)
YUV	130.8430, -18.6566, 10.6617
Hunter-Lab	48.0963, -4.1723, 16.7975

Details

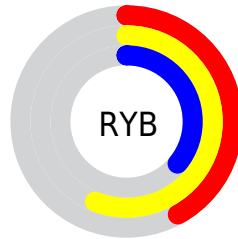
The XYZ color **21.5547, 23.1325, 13.6849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.4223, 14.2104, 27.9692**, and the grayscale version is **21.5775, 22.7012, 24.7217**.

A 20% lighter version of the original color is **45.4090, 48.5819, 33.3695**, and **8.0000, 8.6591, 3.8345** is the 20% darker color. If you saturate the color by 10%, you get **20.5598, 22.0632, 10.5153**, and if you desaturate by 10%, it is **22.6821, 24.2770, 17.4836**.

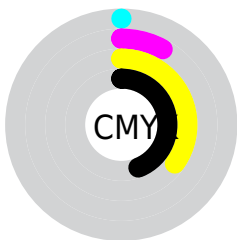
Distribution



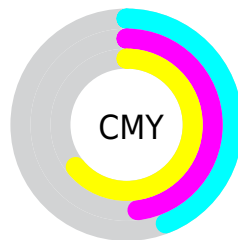
- Red (56%)
- Green (52%)
- Blue (36%)



- Red (42%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5547, 23.1325, 13.6849 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 21.5547, 23.1325, 13.6849 by changing the saturation by 10% instead.

■ 21.5547, 23.1325,
13.6849

■ 21.5547, 23.1325,
13.6849

252.8882,
268.4048, 226.6215

■ 13.6448, 14.6914,
7.7656

■ 45.4933, 48.6108,
33.2379

■ 7.9541, 8.6031,
3.8597

■ 62.2527, 66.4168,
47.7087

■ 4.1172, 4.4832,
1.5487

■ 82.6926, 88.1131,
65.8671

■ 1.7686, 1.9474,
0.2538

■ 107.1785,
114.0843, 88.1316

■ 0.4987, 0.5766,
0.0000

136.0756,
144.7147, 114.9207

■ 0.0000, 0.0000,
0.0000

169.7494,

180.3886, 146.6531

208.5651,
221.4905, 183.7472

■ 21.5547, 23.1325,
13.6849

■ 21.5547, 23.1325,
13.6849

■ 20.5598, 22.0632,
10.5153

■ 22.6821, 24.2770,
17.4836

■ 19.6889, 21.0631,
7.9385

■ 23.9465, 25.4962,
21.9422

■ 18.9352, 20.1301,
5.9166

■ 25.3542, 26.7937,
27.0912

■ 18.2905, 19.2607,
4.4069

■ 26.9107, 28.1718,
32.9586

■ 17.7454, 18.4510,
3.3602

■ 28.6212, 29.6328,
39.5709

■ 17.2873, 17.6958,
2.7113

■ 30.4904, 31.1787,
46.9535

■ 17.0724, 17.3291,
2.4450

■ 32.5231, 32.8115,
55.1304

■ 34.7238, 34.5333,
64.1244

■ 37.0966, 36.3460,
73.9576

Harmonies

Analogous

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



24.1020, 23.1325, 14.5273



21.5547, 23.1325, 13.6849



19.3002, 23.1325, 15.4075

Triad

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



21.5547, 23.1325, 13.6849



18.2359, 23.1325, 34.1017



26.7117, 23.1325, 31.5290

Complementary

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



21.5547, 23.1325, 13.6849



14.4223, 14.2104, 27.9692

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.



24.9117, 23.1325, 38.4182



21.5547, 23.1325, 13.6849



19.9991, 23.1325, 40.0923

Square

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



21.5547, 23.1325, 13.6849



17.4804, 23.1325, 26.4535



22.4245, 23.1325, 41.8067



27.2077, 23.1325, 23.9622

Rectangle

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



21.5547, 23.1325, 13.6849



18.2257, 23.1325, 18.0179



22.4245, 23.1325, 41.8067



26.2326, 23.1325, 34.0436

Sweetspot

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



21.5553, 23.1336, 13.6854



44.0502, 46.7467, 43.5204



17.7749, 14.6816, 15.1722



10.0295, 10.6533, 9.7170



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.5553, 23.1336, 13.6854



37.1709, 39.8994, 19.9204



20.9531, 25.1547, 14.1072



5.7403, 6.0869, 5.7617



15.1111, 15.3538, 2.1671



0.1605, 0.1789, 0.0261

Inverse Universe

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



14.4223, 14.2104, 27.9692



22.4132, 21.4457, 49.4962



14.8560, 12.8968, 27.6928



5.2198, 5.4354, 6.8028



4.8410, 2.6681, 23.2369



0.0602, 0.0533, 0.2268

Previews

White Background



This preview shows how the XYZ color 21.5547, 23.1325, 13.6849 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 21.5547, 23.1325, 13.6849 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

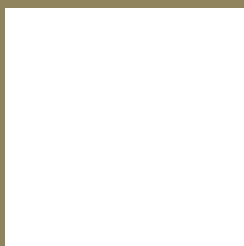
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5547, 23.1325, 13.6849

Background



This preview shows how black text looks on a background with the XYZ color 21.5547, 23.1325, 13.6849.



This preview shows how white text looks on a background with the XYZ color 21.5547, 23.1325,

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

21.5547, 23.1325, 13.6849

Protanopia

21.5547, 23.1325, 13.6849

Deuteranopia

23.5144, 23.1550, 13.8197



Tritanopia

24.1175, 22.9952, 26.4599

Trichromacy



Original Color

21.5547, 23.1325, 13.6849

Protanomaly

21.5547, 23.1325, 13.6849

Deuteranomaly

22.8195, 23.1841, 13.8619

Tritanomaly

22.9634, 22.9054, 20.9802

Monochromacy



Original Color

21.5547, 23.1325, 13.6849

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3189, 22.6679, 20.0813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5547, 23.1325, 13.6849 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(143, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(143, 132, 93)  
}
```

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(143, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 132, 93) }
```

Border

The CSS property to change the border of an element to XYZ 21.5547, 23.1325, 13.6849 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(143, 132, 93) }
```


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

```
.border{ border-color:rgb(143, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(143, 132,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5547, 23.1325, 13.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 132, 93) }
```

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

```
.background{ background-color: rgb(143,  
132, 93) }
```

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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