

Converting Colors

XYZ(21.1303, 16.9895, 13.4749)

Have a look what the booklet for
XYZ(21.1303, 16.9895, 13.4749)
contains.

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Color

**XYZ(21.1303, 16.9895,
13.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	A16161
RGB	161, 97, 97
RGB Percent	63%, 38%, 38%
CMY	0.3686, 0.6196, 0.6196
CMYK	0.00, 0.40, 0.40, 0.37
HSL	0°, 25%, 51%
HSV	0°, 40%, 63%
XYZ	21.1303, 16.9895, 13.4749
YIQ	116.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

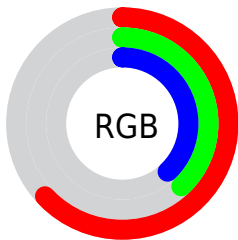
Format	Color
R_{YB}	161, 97, 97
Decimal	10576225
CIE _{Lab}	48.25, 25.97, 11.10
CIE _{LCh}	48, 28.243, 23.149
Yxy	16.9895, 0.4095, 0.3293
Android (android.graphics.Color)	4288766305 (0xFFA16161)
YUV	116.1360, -9.4340, 39.3457
Hunter-Lab	41.2183, 19.3748, 9.4700

Details

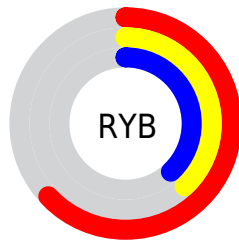
The XYZ color **21.1303, 16.9895, 13.4749** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1071, 30.6032, 38.3546**, and the grayscale version is **16.6624, 17.5301, 19.0903**.

A 20% lighter version of the original color is **44.8486, 38.2234, 33.0310**, and **7.7593, 5.5614, 3.7965** is the 20% darker color. If you saturate the color by 10%, you get **19.1148, 14.0404, 9.4677**, and if you desaturate by 10%, it is **23.6009, 20.6049, 18.3858**.

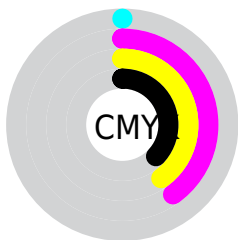
Distribution



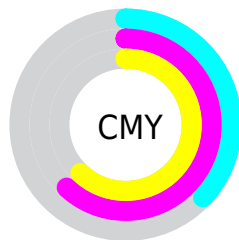
- Red (63%)
- Green (38%)
- Blue (38%)



- Red (63%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1303, 16.9895, 13.4749 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 21.1303, 16.9895, 13.4749 by changing the saturation by 10% instead.

■ 21.1303, 16.9895,
13.4749

■ 21.1303, 16.9895,
13.4749

250.6888,
235.1119, 225.2529

■ 13.3323, 10.2270,
7.6218

■ 44.7939, 38.3077,
32.8580

■ 7.7363, 5.5497,
3.7696

■ 61.3903, 53.6322,
47.2250

■ 3.9771, 2.5733,
1.4998

■ 81.6501, 72.5795,
65.2672

■ 1.6892, 0.9132,
0.2178

■ 105.9387, 95.5341,
87.4029

■ 0.4495, 0.0000,
0.0000

134.6216,
122.8801, 114.0508

■ 0.0000, 0.0000,
0.0000

168.0639,

155.0022, 145.6294

206.6312,
192.2847, 182.5573

■ 21.1303, 16.9895,
13.4749

■ 21.1303, 16.9895,
13.4749

■ 19.1148, 14.0404,
9.4677

■ 23.6009, 20.6049,
18.3858

■ 17.5255, 11.7148,
6.3083

■ 26.5507, 24.9213,
24.2499

■ 16.3321, 9.9685,
3.9361

■ 30.0036, 29.9738,
31.1140

■ 15.4999, 8.7507,
2.2818

■ 33.9814, 35.7945,
39.0219

■ 14.9882, 8.0018,
1.2646

■ 38.5049, 42.4136,
48.0144

■ 14.7046, 7.5868,
0.7009

■ 43.5934, 49.8596,
58.1305

■ 14.6980, 7.5773,
0.6879

■ 49.2657, 58.1596,
69.4069

■ 55.5394, 67.3397,
81.8789

■ 62.4314, 77.4246,
95.5803

Harmonies

Analogous

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



21.5670, 16.9895, 20.2384



21.1303, 16.9895, 13.4749



19.2961, 16.9895, 9.3289

Triad

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



21.1303, 16.9895, 13.4749



12.5083, 16.9895, 11.2440



15.5658, 16.9895, 36.4042

Complementary

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



21.1303, 16.9895, 13.4749



24.1071, 30.6032, 38.3546

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.



13.3624, 16.9895, 32.2888



21.1303, 16.9895, 13.4749



11.7225, 16.9895, 16.8616

Square

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



21.1303, 16.9895, 13.4749



14.2825, 16.9895, 8.2999



12.0178, 16.9895, 24.6376



18.1693, 16.9895, 34.7980

Rectangle

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



21.1303, 16.9895, 13.4749



17.6230, 16.9895, 7.9921



12.0178, 16.9895, 24.6376



14.7577, 16.9895, 35.6146

Sweetspot

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



21.1307, 16.9903, 13.4752



52.1178, 51.3158, 52.5098



25.4057, 18.6998, 35.9886



11.2636, 11.0106, 11.1851



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.1307, 16.9903, 13.4752



34.5094, 25.5496, 17.5052



24.7060, 24.1408, 14.6670



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



24.1071, 30.6032, 38.3546



40.6184, 53.4900, 68.5703



19.2132, 20.8153, 36.7233



7.2761, 8.0112, 9.0659



15.3156, 22.4107, 30.4483



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 21.1303, 16.9895, 13.4749 looks on a white background.

Color Contrast Check

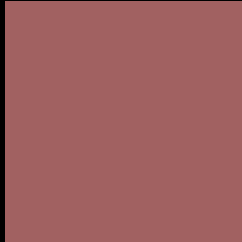
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1303, 16.9895, 13.4749 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 21.1303, 16.9895, 13.4749

Background



This preview shows how black text looks on a background with the XYZ color 21.1303, 16.9895, 13.4749.

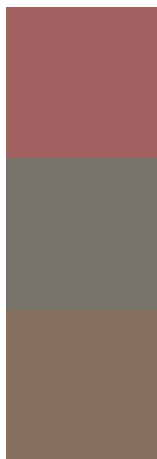


This preview shows how white text looks on a background with the XYZ color 21.1303, 16.9895,

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

21.1303, 16.9895, 13.4749

Protanopia

16.3400, 17.2240, 16.0990

Deuteranopia

17.4229, 17.1816, 13.2246



Tritanopia

21.5313, 17.0264, 14.9836

Trichromacy



Original Color

21.1303, 16.9895, 13.4749

Protanomaly

17.6423, 16.7727, 15.1396

Deuteranomaly

18.5930, 16.9922, 13.3662

Tritanomaly

21.4321, 16.9867, 14.4611

Monochromacy



Original Color

21.1303, 16.9895, 13.4749

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7447, 16.9469, 16.8038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1303, 16.9895, 13.4749 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(161, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 97)  
}
```

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(161, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 21.1303, 16.9895, 13.4749 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(161, 97, 97) }
```


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

```
.border{ border-color:rgb(161, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1303, 16.9895, 13.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 97, 97) }
```

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

```
.background{ background-color: rgb(161, 97,  
97) }
```

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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