

Converting Colors

XYZ(24.0884, 21.0305, 15.7401)

Have a look what the booklet for
XYZ(24.0884, 21.0305, 15.7401)
contains.

XYZ(24.1914, 21.1209, 15.6337)	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(24.1914, 21.1209,
15.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	A67267
RGB	166, 114, 103
RGB Percent	65%, 45%, 40%
CMY	0.3490, 0.5529, 0.5961
CMYK	0.00, 0.31, 0.38, 0.35
HSL	10°, 26%, 53%
HSV	10°, 38%, 65%
XYZ	24.1914, 21.1209, 15.6337
YIQ	128.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

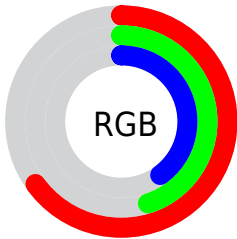
Format	Color
R_{YB}	166, 116, 103
Decimal	10908263
CIE Lab	53.08, 19.10, 14.38
CIE LCh	53, 23.908, 36.968
Yxy	21.1209, 0.3969, 0.3466
Android (android.graphics.Color)	4289098343 (0xFFA67267)
YUV	128.2940, -12.4699, 33.0682
Hunter-Lab	45.9575, 13.5344, 12.0011

Details

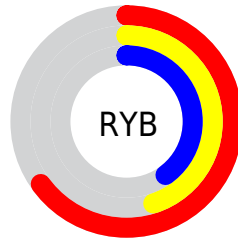
The XYZ color **24.1914, 21.1209, 15.6337** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1974, 29.0784, 40.4138**, and the grayscale version is **20.6540, 21.7296, 23.6635**.

A 20% lighter version of the original color is **49.9004, 45.2935, 36.6843**, and **9.2862, 7.5109, 4.7017** is the 20% darker color. If you saturate the color by 10%, you get **22.0082, 17.9581, 11.1954**, and if you desaturate by 10%, it is **26.7727, 24.8149, 21.0213**.

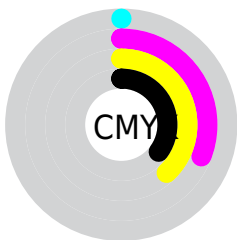
Distribution



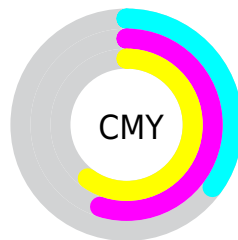
- Red (65%)
- Green (45%)
- Blue (40%)



- Red (65%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (35%)





- Cyan (35%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1914, 21.1209, 15.6337 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 24.1914, 21.1209, 15.6337 by changing the saturation by 10% instead.


 24.1914, 21.1209,
15.6337


 24.1914, 21.1209,
15.6337


266.2093,
257.9203, 238.9419


 15.6012, 13.2124,
9.1138


 49.7948, 45.2887,
36.7190


 9.3314, 7.5750,
4.7176


 67.5386, 62.3167,
52.1215

 5.0168, 3.8242,
2.0267

 89.0644, 83.1534,
71.3219

 2.2920, 1.5757,
0.5716

 114.7374,
108.1831, 94.7388

 0.7906, 0.3411,
0.0000

144.9230,
137.7903, 122.7907

 0.0000, 0.0000,
0.0000

179.9866,

172.3593, 155.8961

220.2936,
212.2745, 194.4737

■ 24.1914, 21.1209,
15.6337

■ 24.1914, 21.1209,
15.6337

■ 22.0082, 17.9581,
11.1954

■ 26.7727, 24.8149,
21.0213

■ 20.2013, 15.2990,
7.6497

■ 29.7690, 29.0599,
27.4077

■ 18.7493, 13.1182,
4.9363


■ 33.1983, 33.8785,
34.8404


■ 17.6280, 11.3868,
2.9864


■ 37.0771, 39.2908,
43.3635


■ 16.8098, 10.0728,
1.7201


■ 41.4211, 45.3164,
53.0188

 16.2557, 9.1368,
1.0045

 46.2449, 51.9737,
63.8455

 16.1651, 8.9854,
0.8824

 51.5627, 59.2803,
75.8813

 57.3882, 67.2533,
89.1619

 63.7344, 75.9090,
103.7218

Harmonies

Analogous

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



25.2674, 21.1209, 21.3575



24.1914, 21.1209, 15.6337



22.0267, 21.1209, 12.4616

Triad

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



24.1914, 21.1209, 15.6337



15.9454, 21.1209, 17.9933



20.6672, 21.1209, 39.6644

Complementary

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



24.1914, 21.1209, 15.6337



24.1974, 29.0784, 40.4138

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.



18.2417, 21.1209, 38.2412



24.1914, 21.1209, 15.6337



15.6473, 21.1209, 24.7185

Square

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



24.1914, 21.1209, 15.6337



17.3049, 21.1209, 13.6120



16.4539, 21.1209, 32.3711



23.1254, 21.1209, 35.9312

Rectangle

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



24.1914, 21.1209, 15.6337



20.3316, 21.1209, 11.7546



16.4539, 21.1209, 32.3711



19.8201, 21.1209, 39.7837

Sweetspot

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



24.1919, 21.1219, 15.6341



58.1389, 58.5247, 58.6301



26.5348, 20.1911, 33.7298



12.8275, 12.8399, 12.7232



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.1919, 21.1219, 15.6341



40.3433, 33.1763, 21.1208



28.2996, 29.3372, 17.0033



7.6331, 7.7463, 7.8822



12.5603, 7.0180, 0.6926



0.3354, 0.2303, 0.0268

Inverse Universe

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



24.1974, 29.0784, 40.4138



40.3348, 49.7832, 72.9585



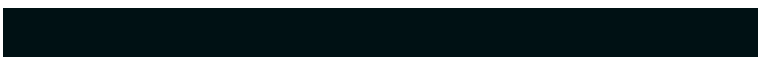
19.6843, 20.0523, 38.9094



7.6344, 8.3058, 9.6191



12.3052, 16.0707, 30.4289



0.3278, 0.4478, 0.7498

Previews

White Background



This preview shows how the XYZ color 24.1914, 21.1209, 15.6337 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 24.1914, 21.1209, 15.6337 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 24.1914, 21.1209, 15.6337

Background



This preview shows how black text looks on a background with the XYZ color 24.1914, 21.1209, 15.6337.



This preview shows how white text looks on a background with the XYZ color 24.1914, 21.1209,

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

24.1914, 21.1209, 15.6337

Protanopia

20.0226, 21.2694, 17.5181

Deuteranopia

21.5212, 21.1546, 15.2609



Tritanopia

25.3328, 21.2692, 20.5395

Trichromacy



Original Color

24.1914, 21.1209, 15.6337

Protanomaly

21.2904, 21.0003, 16.8413

Deuteranomaly

22.5127, 21.1215, 15.4607

Tritanomaly

24.8787, 21.2406, 18.7082

Monochromacy



Original Color

24.1914, 21.1209, 15.6337

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5681, 21.2486, 20.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1914, 21.1209, 15.6337 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(166, 114, 103)` looks like.

```
.text, #text, p{  
    color:rgb(166, 114, 103)  
}
```

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(166, 114, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 114, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.1914, 21.1209, 15.6337 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(166, 114, 103) }
```


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

```
.border{ border-color:rgb(166, 114, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 114, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 114, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 114, 103);  
box-shadow:4px 4px 4px 4px rgb(166, 114,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1914, 21.1209, 15.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 114, 103) }
```

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

```
.background{ background-color: rgb(166,  
114, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor