

Converting Colors

XYZ(23.3967, 24.9322, 21.5788)

Have a look what the booklet for
XYZ(23.3967, 24.9322, 21.5788)
contains.

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Color

**XYZ(23.3814, 24.9345,
21.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8979
RGB	141, 137, 121
RGB Percent	55%, 54%, 47%
CMY	0.4471, 0.4627, 0.5255
CMYK	0.00, 0.03, 0.14, 0.45
HSL	48°, 8%, 51%
HSV	48°, 14%, 55%
XYZ	23.3814, 24.9345, 21.6697
YIQ	136.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

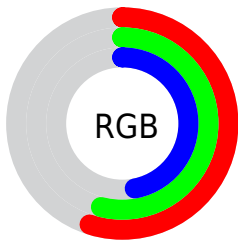
Format	Color
R_{YB}	126, 141, 121
Decimal	9275769
CIE Lab	57.01, -1.41, 9.11
CIE LCh	57, 9.222, 98.822
Yxy	24.9345, 0.3341, 0.3563
Android (android.graphics.Color)	4287465849 (0xFF8D8979)
YUV	136.3720, -7.5784, 4.0588
Hunter-Lab	49.9345, -3.8041, 9.2245

Details

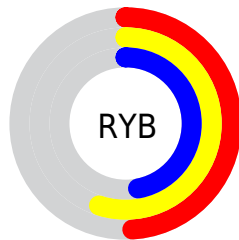
The XYZ color **23.3814, 24.9345, 21.6697** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.0266, 20.6551, 28.1310**, and the grayscale version is **23.5674, 24.7947, 27.0015**.

A 20% lighter version of the original color is **48.4620, 51.4461, 46.9110**, and **8.8923, 9.5084, 7.4975** is the 20% darker color. If you saturate the color by 10%, you get **22.1840, 23.8237, 17.3119**, and if you desaturate by 10%, it is **24.7170, 26.1190, 26.6978**.

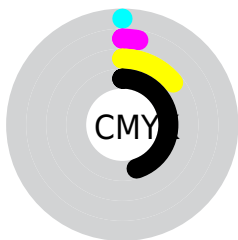
Distribution



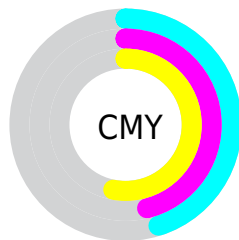
- Red (55%)
- Green (54%)
- Blue (47%)



- Red (49%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3814, 24.9345, 21.6697 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 23.3814, 24.9345, 21.6697 by changing the saturation by 10% instead.

■ 23.3814, 24.9345,
21.6697

■ 23.3814, 24.9345,
21.6697

262.1768,
277.5116, 273.7135

■ 14.9976, 16.0283,
13.4184

■ 48.4809, 51.5509,
47.0946

■ 8.9040, 9.5442,
7.5832

■ 65.9273, 70.0299,
65.1054

■ 4.7352, 5.0978,
3.7455

■ 87.1253, 92.4686,
87.2063

■ 2.1259, 2.3047,
1.4868

112.4403,
119.2514, 113.8161

■ 0.7032, 0.7762,
0.2081

142.2376,
150.7628, 145.3531

■ 0.0000, 0.0000,
0.0000

176.8825,

187.3869, 182.2360

216.7405,
229.5084, 224.8833

■ 23.3814, 24.9345,
21.6697

■ 23.3814, 24.9345,
21.6697

■ 22.1840, 23.8237,
17.3119

■ 24.7170, 26.1190,
26.6978

■ 21.1173, 22.7809,
13.5939

■ 26.1941, 27.3762,
32.4217

■ 20.1760, 21.8048,
10.4855

■ 27.8181, 28.7091,
38.8674

■ 19.3537, 20.8927,
7.9533

■ 29.5939, 30.1199,
46.0591

■ 18.6433, 20.0415,
5.9604

■ 31.5258, 31.6103,
54.0200

■ 18.0370, 19.2481,
4.4659

■ 33.6182, 33.1823,
62.7721

■ 17.5258, 18.5087,
3.4232

■ 35.8751, 34.8375,
72.3368

■ 17.0986, 17.8188,
2.7737

■ 38.3004, 36.5777,
82.7344

■ 16.8695, 17.4325,
2.4757

■ 40.8980, 38.4046,
93.9845

Harmonies

Analogous

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



24.4602, 24.9345, 21.9570



23.3814, 24.9345, 21.6697



22.4172, 24.9345, 22.7609

Triad

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



23.3814, 24.9345, 21.6697



22.1131, 24.9345, 31.0645



25.6958, 24.9345, 29.3626

Complementary

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



23.3814, 24.9345, 21.6697



20.0266, 20.6551, 28.1310

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.



25.0298, 24.9345, 32.0686



23.3814, 24.9345, 21.6697



22.9547, 24.9345, 33.1020

Square

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



23.3814, 24.9345, 21.6697



21.6997, 24.9345, 28.0749



24.0205, 24.9345, 33.4829



25.8185, 24.9345, 26.2446

Rectangle

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



23.3814, 24.9345, 21.6697



21.9613, 24.9345, 24.1761



24.0205, 24.9345, 33.4829



25.5271, 24.9345, 30.3571

Sweetspot

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



23.3821, 24.9356, 21.6702



44.2883, 46.7958, 47.9055



21.5239, 20.8185, 22.2864



9.8536, 10.4187, 10.5535



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.3821, 24.9356, 21.6702



41.1644, 44.0080, 36.1974



22.9681, 25.5815, 21.8167



5.7493, 6.1048, 5.7647



15.3928, 15.9173, 2.2611



0.1622, 0.1822, 0.0266

Inverse Universe

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



20.0266, 20.6551, 28.1310



33.9655, 34.8249, 50.0596



20.3979, 20.1103, 28.0062



5.2115, 5.4188, 6.8000



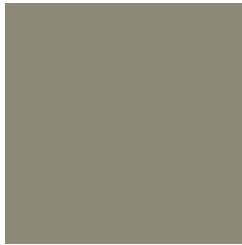
4.7760, 2.5380, 23.2152



0.0585, 0.0500, 0.2262

Previews

White Background



This preview shows how the XYZ color 23.3814, 24.9345, 21.6697 looks on a white background.

Color Contrast Check

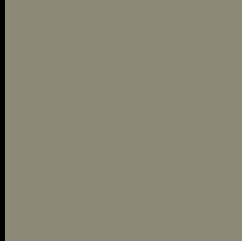
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3814, 24.9345, 21.6697 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

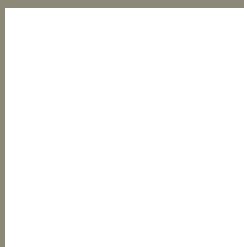
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3814, 24.9345, 21.6697

Background



This preview shows how black text looks on a background with the XYZ color 23.3814, 24.9345, 21.6697.



This preview shows how white text looks on a background with the XYZ color 23.3814, 24.9345,

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

23.3814, 24.9345, 21.6697

Protanopia

23.5830, 24.8284, 21.6386

Deuteranopia

25.2817, 24.8762, 21.8815



Tritanopia

25.0607, 24.9931, 29.8889

Trichromacy



Original Color

23.3814, 24.9345, 21.6697

Protanomaly

23.4107, 24.7396, 21.6305

Deuteranomaly

24.6156, 24.9394, 21.9287

Tritanomaly

24.4356, 24.9452, 26.8196

Monochromacy



Original Color

23.3814, 24.9345, 21.6697

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3821, 24.6503, 24.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3814, 24.9345, 21.6697 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(141, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(141, 137, 121)  
}
```

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(141, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 137, 121) }
```

Border

The CSS property to change the border of an element to XYZ 23.3814, 24.9345, 21.6697 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(141, 137, 121) }
```


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

```
.border{ border-color:rgb(141, 137, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 137, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(141, 137,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3814, 24.9345, 21.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 137, 121) }
```

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

```
.background{ background-color: rgb(141,  
137, 121) }
```

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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