

Converting Colors

XYZ(21.5260, 21.2182, 21.6501)

Have a look what the booklet for
XYZ(21.5260, 21.2182, 21.6501)
contains.

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Color

**XYZ(21.4733, 21.1714,
21.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7B7B
RGB	140, 123, 123
RGB Percent	55%, 48%, 48%
CMY	0.4510, 0.5176, 0.5176
CMYK	0.00, 0.12, 0.12, 0.45
HSL	0°, 7%, 52%
HSV	0°, 12%, 55%
XYZ	21.4733, 21.1714, 21.6936
YIQ	128.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

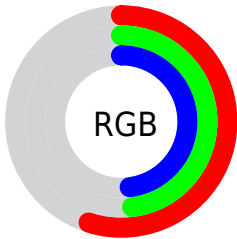
Format	Color
R_{YB}	140, 123, 123
Decimal	9206651
CIE _{Lab}	53.14, 6.52, 2.39
CIE _{LCh}	53, 6.947, 20.116
Yxy	21.1714, 0.3338, 0.3291
Android (android.graphics.Color)	4287396731 (0xFF8C7B7B)
YUV	128.0830, -2.5059, 10.4512
Hunter-Lab	46.0124, 2.7816, 4.2550

Details

The XYZ color **21.4733, 21.1714, 21.6936** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.2799, 24.8601, 28.4353**, and the grayscale version is **20.5530, 21.6234, 23.5479**.

A 20% lighter version of the original color is **45.3160, 45.2244, 46.8982**, and **7.9013, 7.5656, 7.5224** is the 20% darker color. If you saturate the color by 10%, you get **19.0449, 17.6181, 16.8651**, and if you desaturate by 10%, it is **24.2766, 25.2734, 27.2660**.

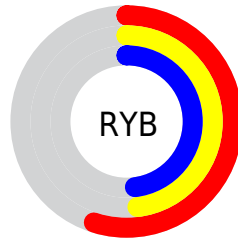
Distribution



Red (55%)

Green (48%)

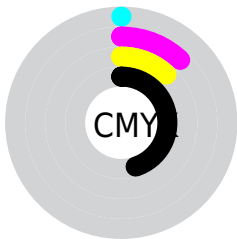
Blue (48%)



Red (55%)

Yellow (48%)

Blue (48%)

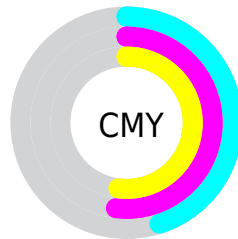


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (45%)



Cyan (45%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4733, 21.1714, 21.6936 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 21.4733, 21.1714, 21.6936 by changing the saturation by 10% instead.

■ 21.4733, 21.1714,
21.6936

■ 21.4733, 21.1714,
21.6936

252.4676,
258.1880, 273.8431

■ 13.5848, 13.2493,
13.4358

■ 45.3593, 45.3726,
47.1347

■ 7.9122, 7.6005,
7.5951

■ 62.0875, 62.4206,
65.1551

■ 4.0902, 3.8404,
3.7529

■ 82.4930, 83.2793,
87.2668

■ 1.7533, 1.5847,
1.4908

106.9412,
108.3331, 113.8883

■ 0.4893, 0.3472,
0.2111

135.7974,
137.9665, 145.4381

■ 0.0000, 0.0000,
0.0000

169.4270,

172.5639, 182.3348

208.1953,
212.5096, 224.9970

■ 21.4733, 21.1714,
21.6936

■ 21.4733, 21.1714,
21.6936

■ 19.0449, 17.6181,
16.8651

■ 24.2766, 25.2734,
27.2660

■ 16.9738, 14.5875,
12.7477

■ 27.4678, 29.9429,
33.6104

■ 15.2437, 12.0559,
9.3083

■ 31.0616, 35.2014,
40.7552

■ 13.8363, 9.9964,
6.5105

■ 35.0712, 41.0685,
48.7270

■ 12.7316, 8.3800,
4.3147

■ 39.5095, 47.5627,
57.5509

■ 11.9076, 7.1740,
2.6766

■ 44.3886, 54.7019,
67.2512

■ 11.3388, 6.3417,
1.5462

■ 49.7202, 62.5032,
77.8512

■ 10.9956, 5.8395,
0.8642

■ 55.5155, 70.9830,
89.3733

■ 10.8155, 5.5759,
0.5062

■ 61.7854, 80.1572,
101.8391

Harmonies

Analogous

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



21.5412, 21.1714, 23.7508



21.4733, 21.1714, 21.6936



21.0387, 21.1714, 20.0958

Triad

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



21.4733, 21.1714, 21.6936



19.0622, 21.1714, 20.5631



19.8822, 21.1714, 27.2547

Complementary

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



21.4733, 21.1714, 21.6936



22.2799, 24.8601, 28.4353

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.



19.2338, 21.1714, 26.2849



21.4733, 21.1714, 21.6936



18.7680, 21.1714, 22.3671

Square

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



21.4733, 21.1714, 21.6936



19.6427, 21.1714, 19.4710



18.8301, 21.1714, 24.4661



20.6106, 21.1714, 27.0473

Rectangle

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



21.4733, 21.1714, 21.6936



20.6052, 21.1714, 19.4660



18.8301, 21.1714, 24.4661



19.6479, 21.1714, 27.0535

Sweetspot

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



21.4739, 21.1723, 21.6940



41.7882, 43.0767, 46.0585



22.6320, 21.6351, 27.7943



9.5479, 9.8071, 10.4516



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.



21.4739, 21.1723, 21.6940



36.4301, 35.2364, 35.4062



22.5742, 23.3730, 22.0608



5.0329, 5.0487, 5.2616



9.6100, 4.9545, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



22.2799, 24.8601, 28.4353



38.1848, 43.2642, 50.0812



21.0859, 22.4719, 28.0373



5.1728, 5.6885, 6.4312



12.5362, 18.3427, 24.9255



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 21.4733, 21.1714, 21.6936 looks on a white background.

Color Contrast Check

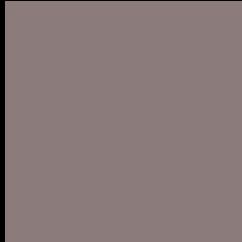
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4733, 21.1714, 21.6936 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 21.4733, 21.1714, 21.6936

Background



This preview shows how black text looks on a background with the XYZ color 21.4733, 21.1714, 21.6936.



This preview shows how white text looks on a background with the XYZ color 21.4733, 21.1714,

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

21.4733, 21.1714, 21.6936

Protanopia

20.3684, 21.1482, 22.4105

Deuteranopia

21.6426, 21.2587, 21.7015



Tritanopia

22.0408, 21.2205, 24.4070

Trichromacy



Original Color

21.4733, 21.1714, 21.6936

Protanomaly

20.8032, 21.1908, 22.0626

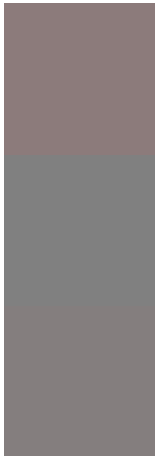
Deuteranomaly

21.6426, 21.2587, 21.7015

Tritanomaly

21.8403, 21.1403, 23.3515

Monochromacy



Original Color

21.4733, 21.1714, 21.6936

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7425, 21.3336, 22.7632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4733, 21.1714, 21.6936 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(140, 123, 123) looks like.

```
.text, #text, p{  
    color:rgb(140, 123, 123)  
}
```

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(140, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.4733, 21.1714, 21.6936 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(140, 123, 123) }
```


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

```
.border{ border-color:rgb(140, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(140, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4733, 21.1714, 21.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 123, 123) }
```

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

```
.background{ background-color: rgb(140,  
123, 123) }
```

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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