

Converting Colors

XYZ(21.1844, 21.4716, 19.4579)

Have a look what the booklet for
XYZ(21.1844, 21.4716, 19.4579)
contains.

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Color

**XYZ(21.1335, 21.4172,
19.5431)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7D74
RGB	139, 125, 116
RGB Percent	55%, 49%, 45%
CMY	0.4549, 0.5098, 0.5451
CMYK	0.00, 0.10, 0.17, 0.45
HSL	23°, 9%, 50%
HSV	23°, 17%, 55%
XYZ	21.1335, 21.4172, 19.5431
YIQ	128.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

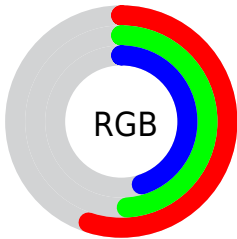
Format	Color
R_{YB}	139, 131, 116
Decimal	9141620
CIE Lab	53.40, 3.76, 6.84
CIE LCh	53, 7.808, 61.220
Yxy	21.4172, 0.3403, 0.3449
Android (android.graphics.Color)	4287331700 (0xFF8B7D74)
YUV	128.1600, -5.9949, 9.5067
Hunter-Lab	46.2787, 0.5255, 7.3575

Details

The XYZ color **21.1335, 21.4172, 19.5431** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.8452, 21.5419, 27.5384**, and the grayscale version is **20.5913, 21.6636, 23.5917**.

A 20% lighter version of the original color is **44.9806, 46.0054, 43.5550**, and **7.7477, 7.7101, 6.5487** is the 20% darker color. If you saturate the color by 10%, you get **19.3592, 19.0670, 15.2566**, and if you desaturate by 10%, it is **23.1212, 24.0002, 24.4982**.

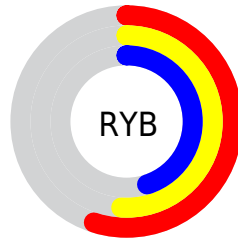
Distribution



Red (55%)

Green (49%)

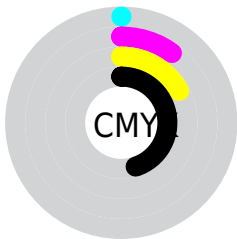
Blue (45%)



Red (55%)

Yellow (51%)

Blue (45%)

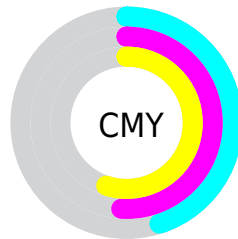


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1335, 21.4172, 19.5431 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 21.1335, 21.4172, 19.5431 by changing the saturation by 10% instead.

■ 21.1335, 21.4172,
19.5431

■ 21.1335, 21.4172,
19.5431

250.7054,
259.4874, 261.9527

■ 13.3346, 13.4293,
11.8826

■ 44.7992, 45.7808,
43.4987

■ 7.7380, 7.7248,
6.5422

■ 61.3968, 62.9254,
60.6308

■ 3.9781, 3.9194,
3.1034

■ 81.6579, 83.8909,
81.7572

■ 1.6898, 1.6286,
1.1477

105.9481,
109.0619, 107.2965

■ 0.4499, 0.3767,
0.0000

134.6326,
138.8226, 137.6672

■ 0.0000, 0.0000,
0.0000

168.0767,

173.5575, 173.2877

206.6459,
213.6510, 214.5767

■ 21.1335, 21.4172,
19.5431

■ 21.1335, 21.4172,
19.5431

■ 19.3592, 19.0670,
15.2566

■ 23.1212, 24.0002,
24.4982

■ 17.7889, 16.9400,
11.6084

■ 25.3278, 26.8194,
30.1477

■ 16.4151, 15.0303,
8.5678

■ 27.7607, 29.8819,
36.5177

■ 15.2292, 13.3302,
6.1011

■ 30.4264, 33.1937,
43.6326

■ 14.2216, 11.8321,
4.1711

■ 33.3312, 36.7604,
51.5156

■ 13.3819, 10.5274,
2.7364

■ 36.4811, 40.5874,
60.1889

■ 12.6985, 9.4069,
1.7492

■ 39.8819, 44.6801,
69.6737

■ 12.1534, 8.4585,
1.1300

■ 43.5392, 49.0436,
79.9906

■ 11.9858, 8.1655,
0.9444

■ 47.4584, 53.6829,
91.1592

Harmonies

Analogous

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



21.7502, 21.4172, 21.0327



21.1335, 21.4172, 19.5431



20.3225, 21.4172, 19.0470

Triad

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



21.1335, 21.4172, 19.5431



18.8040, 21.4172, 23.4170



21.1938, 21.4172, 27.4455

Complementary

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



21.1335, 21.4172, 19.5431



19.8452, 21.5419, 27.5384

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.



20.3904, 21.4172, 28.1878



21.1335, 21.4172, 19.5431



19.0235, 21.4172, 25.7667

Square

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



21.1335, 21.4172, 19.5431



18.9911, 21.4172, 21.1902



19.5986, 21.4172, 27.5539



21.7857, 21.4172, 25.5873

Rectangle

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



21.1335, 21.4172, 19.5431



19.7849, 21.4172, 19.3178



19.5986, 21.4172, 27.5539



20.9388, 21.4172, 27.8392

Sweetspot

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



21.1341, 21.4182, 19.5436



41.9494, 43.6792, 45.2484



20.9347, 19.5967, 23.8631



9.6118, 9.9948, 10.2885



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.



21.1341, 21.4182, 19.5436



36.5668, 36.6701, 31.8742



22.6489, 24.4478, 20.0485



5.1830, 5.3488, 5.3116



10.8335, 7.4014, 0.8576



0.0855, 0.0762, 0.0102

Inverse Universe

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



19.8452, 21.5419, 27.5384



33.7906, 36.9356, 49.0913



18.4222, 18.6958, 27.0640



5.0112, 5.3654, 6.3773



7.1260, 7.5223, 23.1221



0.0616, 0.0786, 0.1584

Previews

White Background



This preview shows how the XYZ color 21.1335, 21.4172, 19.5431 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 21.1335, 21.4172, 19.5431 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

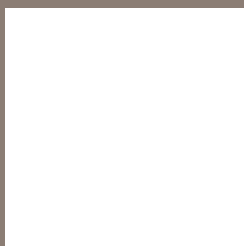
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1335, 21.4172, 19.5431

Background



This preview shows how black text looks on a background with the XYZ color 21.1335, 21.4172, 19.5431.



This preview shows how white text looks on a background with the XYZ color 21.1335, 21.4172,

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

21.1335, 21.4172, 19.5431

Protanopia

20.3160, 21.3686, 19.8834

Deuteranopia

21.7369, 21.3562, 19.4995



Tritanopia

22.2323, 21.4946, 24.8069

Trichromacy



Original Color

21.1335, 21.4172, 19.5431

Protanomaly

20.6634, 21.3570, 19.8628

Deuteranomaly

21.5154, 21.4270, 19.5248

Tritanomaly

21.7888, 21.4971, 22.7396

Monochromacy



Original Color

21.1335, 21.4172, 19.5431

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7432, 21.5395, 22.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1335, 21.4172, 19.5431 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(139, 125, 116)` looks like.

```
.text, #text, p{  
    color:rgb(139, 125, 116)  
}
```

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(139, 125, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 125, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.1335, 21.4172, 19.5431 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(139, 125, 116) }
```


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

```
.border{ border-color:rgb(139, 125, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 125, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 125, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 125, 116);  
box-shadow:4px 4px 4px 4px rgb(139, 125,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1335, 21.4172, 19.5431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 125, 116) }
```

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

```
.background{ background-color: rgb(139,  
125, 116) }
```

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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