

Converting Colors

XYZ(20.9857, 21.0758, 19.3951)

Have a look what the booklet for
XYZ(20.9857, 21.0758, 19.3951)
contains.

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Color

**XYZ(21.0075, 21.1652,
19.5011)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7C74
RGB	139, 124, 116
RGB Percent	55%, 49%, 45%
CMY	0.4549, 0.5137, 0.5451
CMYK	0.00, 0.11, 0.17, 0.45
HSL	21°, 9%, 50%
HSV	21°, 17%, 55%
XYZ	21.0075, 21.1652, 19.5011
YIQ	127.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

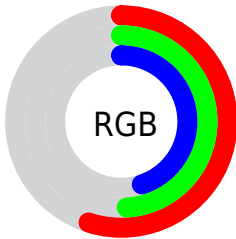
Format	Color
R_{YB}	139, 128, 116
Decimal	9141364
CIE Lab	53.13, 4.33, 6.45
CIE LCh	53, 7.774, 56.115
Yxy	21.1652, 0.3406, 0.3432
Android (android.graphics.Color)	4287331444 (0xFF8B7C74)
YUV	127.5730, -5.7055, 10.0215
Hunter-Lab	46.0057, 0.9983, 7.0718

Details

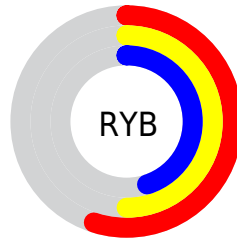
The XYZ color **21.0075, 21.1652, 19.5011** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9789, 21.8093, 27.5829**, and the grayscale version is **20.3868, 21.4485, 23.3574**.

A 20% lighter version of the original color is **44.5855, 45.2153, 43.4233**, and **7.6793, 7.5734, 6.5259** is the 20% darker color. If you saturate the color by 10%, you get **19.1747, 18.6980, 15.1951**, and if you desaturate by 10%, it is **23.0669, 23.8915, 24.4801**.

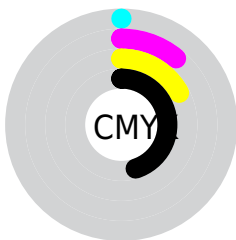
Distribution



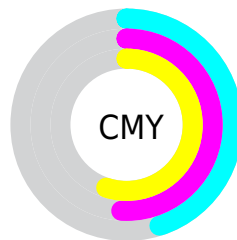
- Red (55%)
- Green (49%)
- Blue (45%)



- Red (55%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0075, 21.1652, 19.5011 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 21.0075, 21.1652, 19.5011 by changing the saturation by 10% instead.

■ 21.0075, 21.1652,
19.5011

■ 21.0075, 21.1652,
19.5011

250.0493,
258.1551, 261.7156

■ 13.2420, 13.2448,
11.8525

■ 44.5912, 45.3623,
43.4271

■ 7.6735, 7.5973,
6.5220

■ 61.1401, 62.4078,
60.5415

■ 3.9368, 3.8384,
3.0911

■ 81.3475, 83.2638,
81.6482

■ 1.6664, 1.5836,
1.1413

105.5787,
108.3147, 107.1658

■ 0.4351, 0.3465,
0.0000

134.1992,
137.9449, 137.5128

■ 0.0000, 0.0000,
0.0000

167.5742,

172.5388, 173.1077

206.0691,
212.4807, 214.3691

■ 21.0075, 21.1652,
19.5011

■ 21.0075, 21.1652,
19.5011

■ 19.1747, 18.6980,
15.1951

■ 23.0669, 23.8915,
24.4801

■ 17.5586, 16.4794,
11.5316

■ 25.3589, 26.8815,
30.1580

■ 16.1511, 14.5022,
8.4798

■ 27.8914, 30.1433,
36.5613

■ 14.9429, 12.7577,
6.0056

■ 30.6713, 33.6836,
43.7143

■ 13.9239, 11.2368,
4.0719

■ 33.7055, 37.5089,
51.6404

■ 13.0830, 9.9296,
2.6368

■ 37.0003, 41.6258,
60.3619

■ 12.4078, 8.8254,
1.6523

■ 40.5620, 46.0401,
69.9004

■ 11.8794, 7.9105,
1.0386

■ 44.3964, 50.7580,
80.2763

■ 11.7194, 7.6327,
0.8556

■ 48.5095, 55.7852,
91.5095

Harmonies

Analogous

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



21.5640, 21.1652, 21.1170



21.0075, 21.1652, 19.5011



20.2237, 21.1652, 18.8330

Triad

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



21.0075, 21.1652, 19.5011



18.5866, 21.1652, 22.7412



20.8179, 21.1652, 27.3357

Complementary

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



21.0075, 21.1652, 19.5011



19.9789, 21.8093, 27.5829

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.



20.0104, 21.1652, 27.8431



21.0075, 21.1652, 19.5011



18.7361, 21.1652, 25.0876

Square

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



21.0075, 21.1652, 19.5011



18.8380, 21.1652, 20.6217



19.2518, 21.1652, 26.9948



21.4524, 21.1652, 25.6517

Rectangle

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



21.0075, 21.1652, 19.5011



19.6830, 21.1652, 18.9792



19.2518, 21.1652, 26.9948



20.5571, 21.1652, 27.6543

Sweetspot

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



21.0081, 21.1661, 19.5015



41.8726, 43.5255, 45.2228



21.0125, 19.6278, 24.2727



9.5920, 9.9553, 10.2819



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.



21.0081, 21.1661, 19.5015



36.2976, 36.1319, 31.7845



22.4873, 24.1247, 19.9946



5.1659, 5.3147, 5.3060



10.5922, 6.9187, 0.7772



0.0831, 0.0714, 0.0094

Inverse Universe

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



19.9789, 21.8093, 27.5829



34.0806, 37.5157, 49.1880



18.5594, 18.9703, 27.1098



5.0288, 5.4006, 6.3832



7.5710, 8.4123, 23.2704



0.0640, 0.0834, 0.1592

Previews

White Background



This preview shows how the XYZ color 21.0075, 21.1652, 19.5011 looks on a white background.

Color Contrast Check

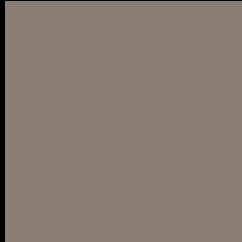
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0075, 21.1652, 19.5011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

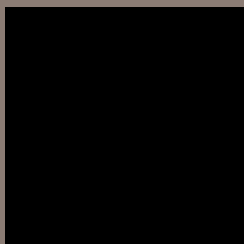
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0075, 21.1652, 19.5011

Background



This preview shows how black text looks on a background with the XYZ color 21.0075, 21.1652, 19.5011.



This preview shows how white text looks on a background with the XYZ color 21.0075, 21.1652,

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

21.0075, 21.1652, 19.5011

Protanopia

20.0318, 21.0314, 19.8333

Deuteranopia

21.4396, 21.0197, 19.4502



Tritanopia

22.0408, 21.2205, 24.4070

Trichromacy



Original Color

21.0075, 21.1652, 19.5011

Protanomaly

20.3760, 21.0199, 19.8129

Deuteranomaly

21.3907, 21.1777, 19.4833

Tritanomaly

21.6641, 21.2477, 22.6981

Monochromacy



Original Color

21.0075, 21.1652, 19.5011

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 21.0075, 21.1652, 19.5011 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, 124, 116)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 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, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.0075, 21.1652, 19.5011 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, 124, 116) }
```


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

```
.border{ border-color:rgb(139, 124, 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, 124, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 116);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0075, 21.1652, 19.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 116) }
```

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

```
.background{ background-color: rgb(139,  
124, 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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