

Converting Colors

XYZ(21.2970, 21.1407, 17.8507)

Have a look what the booklet for
XYZ(21.2970, 21.1407, 17.8507)
contains.

XYZ(21.2251, 21.1313, 17.7119)	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(21.2251, 21.1313,
17.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7B6E
RGB	143, 123, 110
RGB Percent	56%, 48%, 43%
CMY	0.4392, 0.5176, 0.5686
CMYK	0.00, 0.14, 0.23, 0.44
HSL	24°, 13%, 50%
HSV	24°, 23%, 56%
XYZ	21.2251, 21.1313, 17.7119
YIQ	127.4980, 16.0930, 0.1970

Conversions

Conversions Part 2

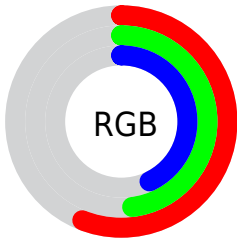
Format	Color
R _Y B	143, 131, 110
Decimal	9403246
CIE Lab	53.09, 5.53, 9.95
CIE LCh	53, 11.384, 60.917
Yxy	21.1313, 0.3533, 0.3518
Android (android.graphics.Color)	4287593326 (0xFF8F7B6E)
YUV	127.4980, -8.6265, 13.5953
Hunter-Lab	45.9688, 1.9731, 9.3336

Details

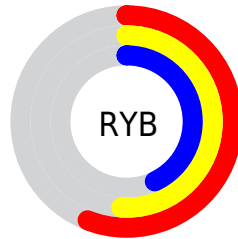
The XYZ color **21.2251, 21.1313, 17.7119** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3708, 21.2629, 29.0699**, and the grayscale version is **20.3695, 21.4303, 23.3377**.

A 20% lighter version of the original color is **44.8775, 45.1389, 40.5298**, and **7.7319, 7.5207, 5.6015** is the 20% darker color. If you saturate the color by 10%, you get **19.4808, 18.7897, 13.5943**, and if you desaturate by 10%, it is **23.1914, 23.7154, 22.5239**.

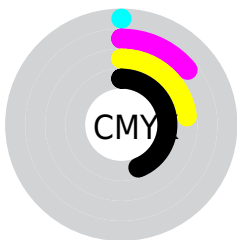
Distribution



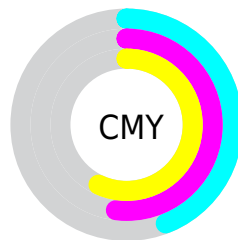
- Red (56%)
- Green (48%)
- Blue (43%)



- Red (56%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2251, 21.1313, 17.7119 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 21.2251, 21.1313, 17.7119 by changing the saturation by 10% instead.

■ 21.2251, 21.1313,
17.7119

■ 21.2251, 21.1313,
17.7119

251.1815,
257.9755, 251.4235

■ 13.4020, 13.2200,
10.5760

■ 44.9503, 45.3060,
40.3531

■ 7.7849, 7.5802,
5.6720

■ 61.5832, 62.3381,
56.6955

■ 4.0082, 3.8275,
2.5811

■ 81.8834, 83.1793,
76.9438

■ 1.7068, 1.5776,
0.8827

■ 106.2162,
108.2140, 101.5167

■ 0.4605, 0.3424,
0.0000

134.9471,
137.8266, 130.8325

■ 0.0000, 0.0000,
0.0000

168.4414,

172.4014, 165.3099

207.0644,
212.3229, 205.3673

■ 21.2251, 21.1313,
17.7119

■ 21.2251, 21.1313,
17.7119

■ 19.4808, 18.7897,
13.5943

■ 23.1914, 23.7154,
22.5239

■ 17.9484, 16.6805,
10.1373

■ 25.3859, 26.5462,
28.0595

■ 16.6192, 14.7968,
7.3062

■ 27.8168, 29.6312,
34.3474

■ 15.4836, 13.1305,
5.0626

■ 30.4913, 32.9769,
41.4149

■ 14.5307, 11.6729,
3.3636

■ 33.4162, 36.5894,
49.2874

■ 13.7486, 10.4143,
2.1607

■ 36.5982, 40.4747,
57.9894

■ 13.1234, 9.3443,
1.3963

■ 40.0436, 44.6385,
67.5445

■ 12.7587, 8.7016,
1.0071

■ 43.7584, 49.0865,
77.9750

■ 47.7486, 53.8240,
89.3026

Harmonies

Analogous

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



22.1261, 21.1313, 19.7830



21.2251, 21.1313, 17.7119



20.0478, 21.1313, 17.0232

Triad

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



21.2251, 21.1313, 17.7119



17.8687, 21.1313, 23.1142



21.2914, 21.1313, 29.1439

Complementary

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



21.2251, 21.1313, 17.7119



19.3708, 21.2629, 29.0699

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.



20.1216, 21.1313, 30.2539



21.2251, 21.1313, 17.7119



18.1728, 21.1313, 26.5666

Square

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



21.2251, 21.1313, 17.7119



18.1384, 21.1313, 19.9488



18.9858, 21.1313, 29.2677



22.1655, 21.1313, 26.3658

Rectangle

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



21.2251, 21.1313, 17.7119



19.2735, 21.1313, 17.3806



18.9858, 21.1313, 29.2677



20.9182, 21.1313, 29.7362

Sweetspot

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



21.2257, 21.1323, 17.7123



43.8115, 45.4216, 46.0539



20.9566, 18.6129, 23.7308



10.0016, 10.3577, 10.4466



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.2257, 21.1323, 17.7123



36.2403, 35.4782, 27.5024



23.3967, 25.4743, 18.4360



5.5723, 5.7509, 5.7057



11.3005, 7.7326, 0.8969



0.1285, 0.1148, 0.0154

Inverse Universe

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



19.3708, 21.2629, 29.0699



32.2808, 35.7540, 51.7379



17.3890, 17.2992, 28.4093



5.3843, 5.7644, 6.8576



7.3933, 7.7727, 24.0877



0.0922, 0.1174, 0.2375

Previews

White Background



This preview shows how the XYZ color 21.2251, 21.1313, 17.7119 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 21.2251, 21.1313, 17.7119 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 21.2251, 21.1313, 17.7119

Background



This preview shows how black text looks on a background with the XYZ color 21.2251, 21.1313, 17.7119.



This preview shows how white text looks on a background with the XYZ color 21.2251, 21.1313,

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

21.2251, 21.1313, 17.7119

Protanopia

20.1869, 21.3351, 18.3834

Deuteranopia

21.4511, 21.0646, 17.6871



Tritanopia

22.4228, 21.0644, 24.0031

Trichromacy



Original Color

21.2251, 21.1313, 17.7119

Protanomaly

20.6466, 21.3878, 18.0790

Deuteranomaly

21.2756, 20.9741, 17.6789

Tritanomaly

21.9141, 21.0341, 21.6439

Monochromacy



Original Color

21.2251, 21.1313, 17.7119

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5849, 21.2887, 21.1134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2251, 21.1313, 17.7119 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(143, 123, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 123, 110)  
}
```

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(143, 123, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 123, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.2251, 21.1313, 17.7119 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(143, 123, 110) }
```


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

```
.border{ border-color:rgb(143, 123, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 123, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 123, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 123, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 123,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2251, 21.1313, 17.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 123, 110) }
```

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

```
.background{ background-color: rgb(143,  
123, 110) }
```

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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