

Converting Colors

XYZ(20.4010, 21.1435, 14.8103)

Have a look what the booklet for
XYZ(20.4010, 21.1435, 14.8103)
contains.

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Color

**XYZ(20.4010, 21.1435,
14.8102)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7D63
RGB	140, 125, 99
RGB Percent	55%, 49%, 39%
CMY	0.4510, 0.5098, 0.6118
CMYK	0.00, 0.11, 0.29, 0.45
HSL	38°, 17%, 47%
HSV	38°, 29%, 55%
XYZ	20.4010, 21.1435, 14.8102
YIQ	126.5210, 17.2860, -4.9060

Conversions

Conversions Part 2

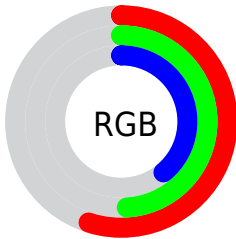
Format	Color
R_{YB}	123, 140, 99
Decimal	9207139
CIE _{Lab}	53.11, 1.50, 16.29
CIE _{LCh}	53, 16.361, 84.746
Yxy	21.1435, 0.3620, 0.3752
Android (android.graphics.Color)	4287397219 (0xFF8C7D63)
YUV	126.5210, -13.5679, 11.8211
Hunter-Lab	45.9821, -1.2730, 13.0909

Details

The XYZ color **20.4010, 21.1435, 14.8102** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8965, 16.5804, 27.1737**, and the grayscale version is **20.0500, 21.0941, 22.9715**.

A 20% lighter version of the original color is **43.6735, 45.5121, 35.3370**, and **7.3241, 7.5407, 4.3183** is the 20% darker color. If you saturate the color by 10%, you get **19.1574, 19.6360, 11.3750**, and if you desaturate by 10%, it is **21.7952, 22.7662, 18.8687**.

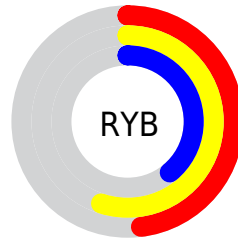
Distribution



Red (55%)

Green (49%)

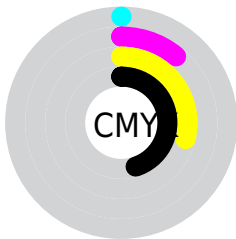
Blue (39%)



Red (48%)

Yellow (55%)

Blue (39%)

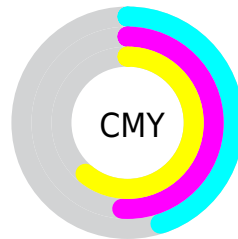


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (45%)



Cyan (45%)

Magenta (51%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4010, 21.1435, 14.8102 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 20.4010, 21.1435, 14.8102 by changing the saturation by 10% instead.

■ 20.4010, 21.1435,
14.8102

■ 20.4010, 21.1435,
14.8102

246.8702,
258.0401, 233.8156

■ 12.7968, 13.2289,
8.5411

■ 43.5873, 45.3262,
35.2574

■ 7.3648, 7.5864,
4.3504

■ 59.9001, 62.3632,
50.2727

■ 3.7396, 3.8314,
1.8195

■ 79.8466, 83.2097,
69.0405

■ 1.5559, 1.5797,
0.4408

■ 103.7920,
108.2503, 91.9793

■ 0.3634, 0.3439,
0.0000

132.1017,
137.8692, 119.5077

■ 0.0000, 0.0000,
0.0000

165.1410,

172.4509, 152.0441

203.2754,
212.3797, 190.0073

■ 20.4010, 21.1435,
14.8102

■ 20.4010, 21.1435,
14.8102

■ 19.1574, 19.6360,
11.3750

■ 21.7952, 22.7662,
18.8687

■ 18.0562, 18.2375,
8.5299

■ 23.3444, 24.5044,
23.5785

■ 17.0910, 16.9453,
6.2410

■ 25.0549, 26.3621,
28.9676

■ 16.2541, 15.7554,
4.4700

■ 26.9319, 28.3423,
35.0620

■ 15.5367, 14.6635,
3.1739

■ 28.9806, 30.4476,
41.8863

■ 14.9289, 13.6647,
2.3027

■ 31.2059, 32.6808,
49.4638

■ 14.4062, 12.7484,
1.7301

■ 33.6124, 35.0445,
57.8169

■ 14.3702, 12.6853,
1.6911

■ 36.2045, 37.5410,
66.9670

■ 38.9866, 40.1728,
76.9346

Harmonies

Analogous

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



22.0689, 21.1435, 16.1131



20.4010, 21.1435, 14.8102



18.7417, 21.1435, 15.4382

Triad

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



20.4010, 21.1435, 14.8102



17.2364, 21.1435, 27.2242



22.9235, 21.1435, 28.9410

Complementary

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



20.4010, 21.1435, 14.8102



15.8965, 16.5804, 27.1737

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.



21.5146, 21.1435, 32.7533



20.4010, 21.1435, 14.8102



18.2448, 21.1435, 31.6671

Square

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



20.4010, 21.1435, 14.8102



16.9758, 21.1435, 22.1642



19.7946, 21.1435, 33.8159



23.5775, 21.1435, 23.9010

Rectangle

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



20.4010, 21.1435, 14.8102



17.8541, 21.1435, 16.9215



19.7946, 21.1435, 33.8159



22.5187, 21.1435, 30.4356

Sweetspot

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



20.4015, 21.1445, 14.8106



41.1845, 43.2324, 41.6548



18.3165, 15.7151, 17.9977



9.4038, 9.8666, 9.3321



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.



20.4015, 21.1445, 14.8106



34.5238, 35.5399, 22.0811



21.5472, 24.7696, 15.4500



5.2798, 5.5424, 5.3439



12.7876, 11.3097, 1.5090



0.0989, 0.1031, 0.0147

Inverse Universe

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



15.8965, 16.5804, 27.1737



25.2783, 26.1766, 47.4632



14.9590, 13.7885, 26.6842



4.9147, 5.1724, 6.3452



5.2837, 3.8378, 22.5080



0.0482, 0.0517, 0.1539

Previews

White Background



This preview shows how the XYZ color 20.4010, 21.1435, 14.8102 looks on a white background.

Color Contrast Check

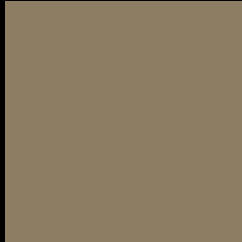
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4010, 21.1435, 14.8102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

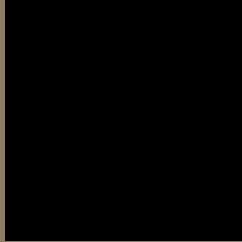
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4010, 21.1435, 14.8102

Background



This preview shows how black text looks on a background with the XYZ color 20.4010, 21.1435, 14.8102.



This preview shows how white text looks on a background with the XYZ color 20.4010, 21.1435,

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

20.4010, 21.1435, 14.8102

Protanopia

19.8813, 21.2497, 15.1103

Deuteranopia

21.4725, 21.1351, 15.0043



Tritanopia

22.3682, 21.2157, 24.0352

Trichromacy



Original Color

20.4010, 21.1435, 14.8102

Protanomaly

20.0776, 21.1602, 15.0827

Deuteranomaly

21.0603, 21.1058, 15.0204

Tritanomaly

21.6170, 21.0906, 20.3843

Monochromacy



Original Color

20.4010, 21.1435, 14.8102

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.1875, 21.1116, 19.8406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4010, 21.1435, 14.8102 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, 125, 99)` looks like.

```
.text, #text, p{  
    color:rgb(140, 125, 99)  
}
```

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, 125, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 125, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.4010, 21.1435, 14.8102 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, 125, 99) }
```


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

```
.border{ border-color:rgb(140, 125, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 125, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 125, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 125, 99);  
box-shadow:4px 4px 4px 4px rgb(140, 125,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4010, 21.1435, 14.8102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 125, 99) }
```

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

```
.background{ background-color: rgb(140,  
125, 99) }
```

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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