

Converting Colors

XYZ(20.8150, 21.9456, 14.2052)

Have a look what the booklet for
XYZ(20.8150, 21.9456, 14.2052)
contains.

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Color

**XYZ(20.8150, 21.9456,
14.2052)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8060
RGB	141, 128, 96
RGB Percent	55%, 50%, 38%
CMY	0.4471, 0.4980, 0.6235
CMYK	0.00, 0.09, 0.32, 0.45
HSL	43°, 19%, 46%
HSV	43°, 32%, 55%
XYZ	20.8150, 21.9456, 14.2052
YIQ	128.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

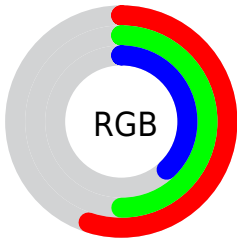
Format	Color
RYB	114, 141, 96
Decimal	9273440
CIELab	53.97, -0.21, 19.20
CIElCh	54, 19.202, 90.628
Yxy	21.9456, 0.3654, 0.3852
Android (android.graphics.Color)	4287463520 (0xFF8D8060)
YUV	128.2390, -15.8938, 11.1914
Hunter-Lab	46.8461, -2.6684, 14.8137

Details

The XYZ color **20.8150, 21.9456, 14.2052** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1001, 15.3467, 27.3657**, and the grayscale version is **20.6504, 21.7258, 23.6594**.

A 20% lighter version of the original color is **44.2960, 46.7564, 34.2940**, and **7.5668, 7.9874, 4.0486** is the 20% darker color. If you saturate the color by 10%, you get **19.7028, 20.6686, 10.9139**, and if you desaturate by 10%, it is **22.0661, 23.3139, 18.1178**.

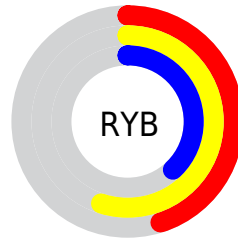
Distribution



Red (55%)

Green (50%)

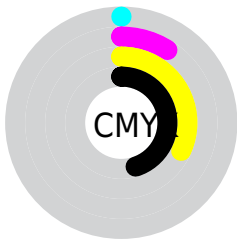
Blue (38%)



Red (45%)

Yellow (55%)

Blue (38%)

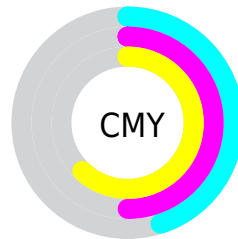


Cyan (0%)

Magenta (9%)

Yellow (32%)

Black (45%)



Cyan (45%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8150, 21.9456, 14.2052 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 20.8150, 21.9456, 14.2052 by changing the saturation by 10% instead.

■ 20.8150, 21.9456,
14.2052

■ 20.8150, 21.9456,
14.2052

249.0440,
262.2621, 229.9763

■ 13.1005, 13.8169,
8.1231

■ 44.2730, 46.6561,
34.1750

■ 7.5753, 7.9934,
4.0849

■ 60.7473, 64.0067,
48.8999

■ 3.8739, 4.0908,
1.6721

■ 80.8722, 85.2000,
67.3428

■ 1.6310, 1.7245,
0.3415

■ 105.0132,
110.6205, 89.9222

■ 0.4125, 0.4394,
0.0000

133.5355,
140.6526, 117.0567

■ 0.0000, 0.0000,
0.0000

166.8045,

175.6806, 149.1649

205.1855,
216.0890, 186.6653

■ 20.8150, 21.9456,
14.2052

■ 20.8150, 21.9456,
14.2052

■ 19.7028, 20.6686,
10.9139

■ 22.0661, 23.3139,
18.1178

■ 18.7214, 19.4767,
8.2098

■ 23.4604, 24.7732,
22.6808

■ 17.8642, 18.3680,
6.0572

■ 25.0042, 26.3272,
27.9231

■ 17.1235, 17.3387,
4.4163

■ 26.7026, 27.9783,
33.8713

■ 16.4904, 16.3849,
3.2418

■ 28.5608, 29.7289,
40.5509

■ 15.9544, 15.5021,
2.4802

■ 30.5835, 31.5813,
47.9858

■ 15.5683, 14.8303,
2.0420

■ 32.7753, 33.5378,
56.1989

■ 35.1405, 35.6003,
65.2122

■ 37.6834, 37.7709,
75.0467

Harmonies

Analogous

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



22.8744, 21.9456, 15.2671



20.8150, 21.9456, 14.2052



18.8940, 21.9456, 15.3601

Triad

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



20.8150, 21.9456, 14.2052



17.6148, 21.9456, 30.1922



24.5268, 21.9456, 29.9397

Complementary

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



20.8150, 21.9456, 14.2052



15.1001, 15.3467, 27.3657

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.



22.9549, 21.9456, 35.1195



20.8150, 21.9456, 14.2052



18.9649, 21.9456, 35.2814

Square

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



20.8150, 21.9456, 14.2052



17.1230, 21.9456, 24.0203



20.9023, 21.9456, 37.2167



25.1015, 21.9456, 23.7702

Rectangle

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



20.8150, 21.9456, 14.2052



17.9279, 21.9456, 17.3632



20.9023, 21.9456, 37.2167



24.0926, 21.9456, 31.8885

Sweetspot

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



20.8156, 21.9466, 14.2057



42.4645, 44.8256, 42.1260



17.9549, 15.1436, 16.5865



9.4115, 9.9373, 9.1642



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.



20.8156, 21.9466, 14.2057



35.8764, 37.7066, 21.2567



21.1520, 24.7999, 14.7387



5.7098, 6.0258, 5.7515



14.2093, 13.5504, 1.8666



0.1548, 0.1675, 0.0242

Inverse Universe

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



15.1001, 15.3467, 27.3657



24.0501, 24.0553, 48.5034



14.8165, 13.2924, 26.9841



5.2486, 5.4930, 6.8124



5.1104, 3.2067, 23.3267



0.0659, 0.0647, 0.2287

Previews

White Background



This preview shows how the XYZ color 20.8150, 21.9456, 14.2052 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 20.8150, 21.9456, 14.2052 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

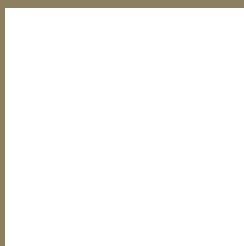
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8150, 21.9456, 14.2052

Background



This preview shows how black text looks on a background with the XYZ color 20.8150, 21.9456, 14.2052.



This preview shows how white text looks on a background with the XYZ color 20.8150, 21.9456,

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

20.8150, 21.9456, 14.2052

Protanopia

20.4428, 21.9483, 14.2253

Deuteranopia

22.3142, 21.9538, 14.3707



Tritanopia

22.9937, 21.8791, 25.2015

Trichromacy



Original Color

20.8150, 21.9456, 14.2052

Protanomaly

20.6090, 22.0340, 14.2331

Deuteranomaly

21.7040, 21.8262, 14.3782

Tritanomaly

22.2254, 21.9526, 20.8352

Monochromacy



Original Color

20.8150, 21.9456, 14.2052

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.5444, 21.6858, 19.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8150, 21.9456, 14.2052 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(141, 128, 96)` looks like.

```
.text, #text, p{  
    color:rgb(141, 128, 96)  
}
```

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(141, 128, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 128, 96) }
```

Border

The CSS property to change the border of an element to XYZ 20.8150, 21.9456, 14.2052 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(141, 128, 96) }
```


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

```
.border{ border-color:rgb(141, 128, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 128, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 128, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 128, 96);  
box-shadow:4px 4px 4px 4px rgb(141, 128,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8150, 21.9456, 14.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 128, 96) }
```

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

```
.background{ background-color: rgb(141,  
128, 96) }
```

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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