

Converting Colors

XYZ(20.1467, 21.2068, 14.5868)

Have a look what the booklet for
XYZ(20.1467, 21.2068, 14.5868)
contains.

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Color

**XYZ(20.1467, 21.2068,
14.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7E62
RGB	138, 126, 98
RGB Percent	54%, 49%, 38%
CMY	0.4588, 0.5059, 0.6157
CMYK	0.00, 0.09, 0.29, 0.46
HSL	42°, 17%, 46%
HSV	42°, 29%, 54%
XYZ	20.1467, 21.2068, 14.5868
YIQ	126.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

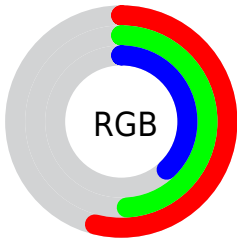
Format	Color
R_{YB}	115, 138, 98
Decimal	9076322
CIE Lab	53.18, -0.05, 16.93
CIE LCh	53, 16.931, 90.162
Yxy	21.2068, 0.3601, 0.3791
Android (android.graphics.Color)	4287266402 (0xFF8A7E62)
YUV	126.3960, -13.9992, 10.1767
Hunter-Lab	46.0508, -2.4973, 13.4552

Details

The XYZ color **20.1467, 21.2068, 14.5868** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2003, 15.5832, 26.2516**, and the grayscale version is **20.0089, 21.0509, 22.9245**.

A 20% lighter version of the original color is **43.2831, 45.6166, 34.9574**, and **7.1819, 7.5730, 4.2152** is the 20% darker color. If you saturate the color by 10%, you get **19.0323, 19.9324, 11.2731**, and if you desaturate by 10%, it is **21.3965, 22.5719, 18.5004**.

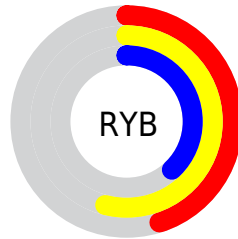
Distribution



Red (54%)

Green (49%)

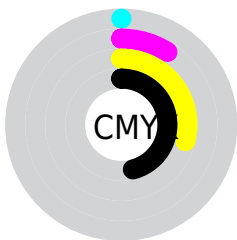
Blue (38%)



Red (45%)

Yellow (54%)

Blue (38%)

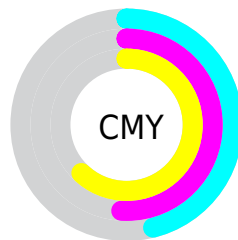


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (46%)



Cyan (46%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1467, 21.2068, 14.5868 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 20.1467, 21.2068, 14.5868 by changing the saturation by 10% instead.

■ 20.1467, 21.2068,
14.5868

■ 20.1467, 21.2068,
14.5868

245.5266,
258.3755, 232.4054

■ 12.6106, 13.2752,
8.3865

■ 43.1651, 45.4315,
34.8586

■ 7.2361, 7.6184,
4.2520

■ 59.3781, 62.4933,
49.7673

■ 3.6578, 3.8517,
1.7646

■ 79.2141, 83.3675,
68.4158

■ 1.5104, 1.5910,
0.4044

■ 103.0384,
108.4382, 91.2227

■ 0.3329, 0.3515,
0.0000

131.2165,
138.0900, 118.6066

■ 0.0000, 0.0000,
0.0000

164.1137,

172.7072, 150.9860

202.0953,
212.6743, 188.7794

■ 20.1467, 21.2068,
14.5868

■ 20.1467, 21.2068,
14.5868

■ 19.0323, 19.9324,
11.2731

■ 21.3965, 22.5719,
18.5004

■ 18.0456, 18.7429,
8.5276

■ 22.7856, 24.0275,
23.0409

■ 17.1807, 17.6363,
6.3176

■ 24.3198, 25.5770,
28.2352

■ 16.4302, 16.6092,
4.6064

■ 26.0042, 27.2228,
34.1083

■ 15.7861, 15.6581,
3.3528

■ 27.8434, 28.9672,
40.6837

■ 15.2391, 14.7786,
2.5089

■ 29.8419, 30.8123,
47.9839

■ 14.7665, 13.9614,
1.9568

■ 32.0041, 32.7603,
56.0305

■ 14.7200, 13.8808,
1.9034

■ 34.3340, 34.8132,
64.8439

■ 36.8356, 36.9730,
74.4440

Harmonies

Analogous

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



21.9135, 21.2068, 15.5677



20.1467, 21.2068, 14.5868



18.4799, 21.2068, 15.5891

Triad

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



20.1467, 21.2068, 14.5868



17.3310, 21.2068, 28.3924



23.2840, 21.2068, 28.3370

Complementary

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



20.1467, 21.2068, 14.5868



15.2003, 15.5832, 26.2516

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.



21.9314, 21.2068, 32.6792



20.1467, 21.2068, 14.5868



18.4958, 21.2068, 32.7143

Square

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



20.1467, 21.2068, 14.5868



16.9141, 21.2068, 23.1185



20.1662, 21.2068, 34.3864



23.7887, 21.2068, 23.0627

Rectangle

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



20.1467, 21.2068, 14.5868



17.6331, 21.2068, 17.3465



20.1662, 21.2068, 34.3864



22.9096, 21.2068, 29.9805

Sweetspot

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



20.1472, 21.2078, 14.5872



40.1100, 42.2976, 40.4357



17.6636, 15.2647, 16.7676



8.9232, 9.4115, 8.8262



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.1472, 21.2078, 14.5872



34.1585, 35.8449, 21.6490



20.4992, 23.8048, 15.0700



5.3066, 5.5959, 5.3528



13.5092, 12.7529, 1.7495



0.1026, 0.1104, 0.0159

Inverse Universe

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



15.2003, 15.5832, 26.2516



23.9229, 24.2111, 45.7955



14.8993, 13.6348, 25.8914



4.8890, 5.1210, 6.3366



4.9571, 3.1846, 22.3991



0.0445, 0.0444, 0.1527

Previews

White Background



This preview shows how the XYZ color 20.1467, 21.2068, 14.5868 looks on a white background.

Color Contrast Check

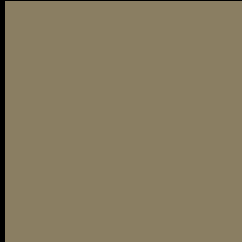
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1467, 21.2068, 14.5868 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

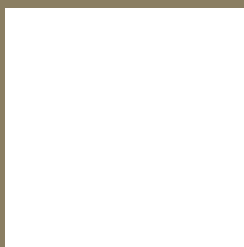
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1467, 21.2068, 14.5868

Background



This preview shows how black text looks on a background with the XYZ color 20.1467, 21.2068, 14.5868.



This preview shows how white text looks on a background with the XYZ color 20.1467, 21.2068,

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

20.1467, 21.2068, 14.5868

Protanopia

19.9473, 21.2948, 14.6142

Deuteranopia

21.6061, 21.2095, 14.7595



Tritanopia

22.2116, 21.3085, 24.4150

Trichromacy



Original Color

20.1467, 21.2068, 14.5868

Protanomaly

20.1105, 21.3790, 14.6219

Deuteranomaly

21.0121, 21.0865, 14.7670

Tritanomaly

21.3972, 21.1605, 20.4094

Monochromacy



Original Color

20.1467, 21.2068, 14.5868

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8192, 20.9285, 19.5180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1467, 21.2068, 14.5868 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(138, 126, 98)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 98)  
}
```

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(138, 126, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.1467, 21.2068, 14.5868 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(138, 126, 98) }
```


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

```
.border{ border-color:rgb(138, 126, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 126, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 98);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1467, 21.2068, 14.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 98) }
```

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

```
.background{ background-color: rgb(138,  
126, 98) }
```

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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