

Converting Colors

XYZ(21.1077, 18.6453, 14.7619)

Have a look what the booklet for
XYZ(21.1077, 18.6453, 14.7619)
contains.

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Color

**XYZ(21.0380, 18.5347,
14.7807)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9A6C65 |
| RGB | 154, 108, 101 |
| RGB Percent | 60%, 42%, 40% |
| CMY | 0.3961, 0.5765, 0.6039 |
| CMYK | 0.00, 0.30, 0.34, 0.40 |
| HSL | 8°, 21%, 50% |
| HSV | 8°, 34%, 60% |
| XYZ | 21.0380, 18.5347, 14.7807 |
| YIQ | 120.9560, 29.6630, 7.5750 |

Conversions

Conversions Part 2

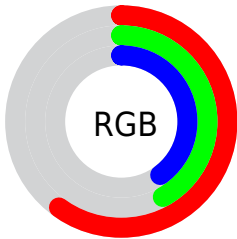
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 154, 109, 101 |
| Decimal | 10120293 |
| CIELab | 50.14, 17.37, 11.24 |
| CIELCh | 50, 20.695, 32.909 |
| Yxy | 18.5347, 0.3871, 0.3410 |
| Android (android.graphics.Color) | 4288310373 (0xFF9A6C65) |
| YUV | 120.9560, -9.8383, 28.9796 |
| Hunter-Lab | 43.0519, 11.8859, 9.7808 |

Details

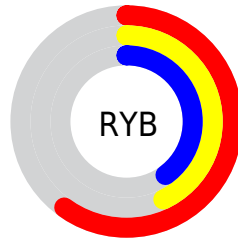
The XYZ color **21.0380, 18.5347, 14.7807** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6331, 25.9666, 34.4439**, and the grayscale version is **18.1842, 19.1312, 20.8339**.

A 20% lighter version of the original color is **44.8166, 41.1102, 35.2787**, and **7.6485, 6.2648, 4.2961** is the 20% darker color. If you saturate the color by 10%, you get **19.0499, 15.6550, 10.7377**, and if you desaturate by 10%, it is **23.3846, 21.9050, 19.6412**.

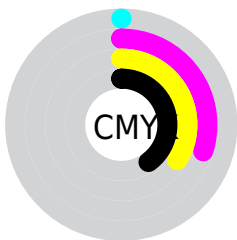
Distribution



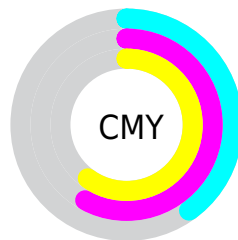
- Red (60%)
- Green (42%)
- Blue (40%)



- Red (60%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (40%)





- Cyan (40%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0380, 18.5347, 14.7807 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 21.0380, 18.5347, 14.7807 by changing the saturation by 10% instead.


 21.0380, 18.5347,
14.7807


 21.0380, 18.5347,
14.7807


250.2083,
243.8679, 233.6299

 13.2644, 11.3346,
8.5207


 44.6416, 40.9464,
35.2048

 7.6891, 6.2923,
4.3374


 61.2022, 56.9267,
50.2061

 3.9468, 3.0236,
1.8122

 81.4227, 76.6025,
68.9582

 1.6721, 1.1441,
0.4360

 105.6682,
100.3582, 91.8796

 0.4387, 0.0153,
0.0000

134.3041,
128.5782, 119.3889

 0.0000, 0.0000,
0.0000

167.6959,

161.6468, 151.9047

206.2088,
199.9486, 189.8455

■ 21.0380, 18.5347,
14.7807

■ 21.0380, 18.5347,
14.7807

■ 19.0499, 15.6550,
10.7377

■ 23.3846, 21.9050,
19.6412

■ 17.4011, 13.2403,
7.4662

■ 26.1047, 25.7845,
25.3596

■ 16.0729, 11.2671,
4.9171

■ 29.2143, 30.1940,
31.9749


■ 15.0440, 9.7083,
3.0355


■ 32.7280, 35.1527,
39.5235


■ 14.2905, 8.5342,
1.7583


■ 36.6595, 40.6783,
48.0397


 13.7844, 7.7105,
1.0087

 41.0220, 46.7883,
57.5561

 13.5829, 7.3827,
0.7091

 45.8282, 53.4989,
68.1037

 51.0900, 60.8260,
79.7122

 56.8192, 68.7849,
92.4102

Harmonies

Analogous

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



21.7329, 18.5347, 19.6287



21.0380, 18.5347, 14.7807



19.4223, 18.5347, 11.8943

Triad

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



21.0380, 18.5347, 14.7807



14.4170, 18.5347, 15.5793



17.8121, 18.5347, 33.2641

Complementary

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



21.0380, 18.5347, 14.7807



21.6331, 25.9666, 34.4439

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.



15.9265, 18.5347, 31.6292



21.0380, 18.5347, 14.7807



14.0561, 18.5347, 20.7438

Square

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



21.0380, 18.5347, 14.7807



15.6134, 18.5347, 12.2905



14.5880, 18.5347, 26.7588



19.7844, 18.5347, 30.8828

Rectangle

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



21.0380, 18.5347, 14.7807



18.0946, 18.5347, 11.1232



14.5880, 18.5347, 26.7588



17.1473, 18.5347, 33.1667

Sweetspot

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



21.0385, 18.5356, 14.7811



49.7140, 50.0958, 50.9296



23.3111, 18.3100, 30.2467



11.0882, 11.1057, 11.1786



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.0385, 18.5356, 14.7811



35.4815, 29.7121, 21.2722



24.1570, 24.7727, 15.8206



6.2714, 6.3478, 6.5006



11.0824, 6.0472, 0.5831



0.1806, 0.1202, 0.0137

Inverse Universe

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



21.6331, 25.9666, 34.4439



36.7136, 45.2100, 62.3277



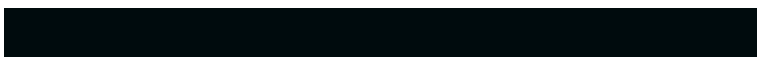
18.0757, 18.8519, 33.2582



6.3150, 6.8873, 7.9255



11.6772, 15.7511, 27.3325



0.1915, 0.2693, 0.4143

Previews

White Background



This preview shows how the XYZ color 21.0380, 18.5347, 14.7807 looks on a white background.

Color Contrast Check

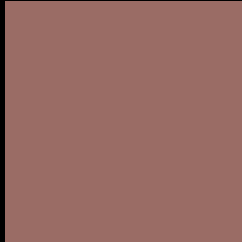
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0380, 18.5347, 14.7807 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 21.0380, 18.5347, 14.7807

Background



This preview shows how black text looks on a background with the XYZ color 21.0380, 18.5347, 14.7807.

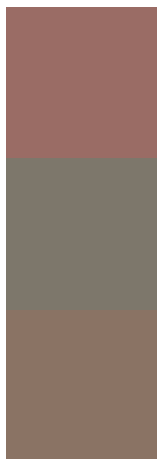


This preview shows how white text looks on a background with the XYZ color 21.0380, 18.5347,

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

21.0380, 18.5347, 14.7807

Protanopia

17.7081, 18.6152, 16.5697

Deuteranopia

18.9122, 18.5848, 14.6470



Tritanopia

21.7089, 18.4915, 18.3446

Trichromacy



Original Color

21.0380, 18.5347, 14.7807

Protanomaly

18.8339, 18.5156, 15.9458

Deuteranomaly

19.5960, 18.4377, 14.5826

Tritanomaly

21.5356, 18.5881, 16.9208

Monochromacy



Original Color

21.0380, 18.5347, 14.7807

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.9555, 18.6922, 18.5285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0380, 18.5347, 14.7807 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(154, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 101)  
}
```

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(154, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 21.0380, 18.5347, 14.7807 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(154, 108, 101) }
```


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

```
.border{ border-color:rgb(154, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0380, 18.5347, 14.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 101) }
```

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

```
.background{ background-color: rgb(154,  
108, 101) }
```

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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