

Converting Colors

XYZ(21.1026, 14.5527, 13.7533)

Have a look what the booklet for
XYZ(21.1026, 14.5527, 13.7533)
contains.

XYZ(21.1026, 14.5527, 13.7533)	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(21.1026, 14.5527,
13.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	A84D64
RGB	168, 77, 100
RGB Percent	66%, 30%, 39%
CMY	0.3412, 0.6980, 0.6078
CMYK	0.00, 0.54, 0.40, 0.34
HSL	345°, 37%, 48%
HSV	345°, 54%, 66%
XYZ	21.1026, 14.5527, 13.7533
YIQ	106.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

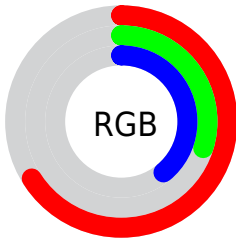
Format	Color
R_{YB}	168, 77, 100
Decimal	11029860
CIE _{Lab}	45.02, 39.77, 4.85
CIE _{LCh}	45, 40.060, 6.954
Yxy	14.5527, 0.4271, 0.2945
Android (android.graphics.Color)	4289219940 (0xFFA84D64)
YUV	106.8310, -3.3677, 53.6452
Hunter-Lab	38.1480, 31.9831, 5.3281

Details

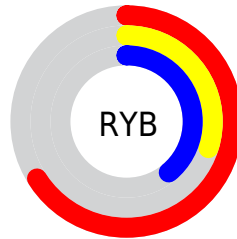
The XYZ color **21.1026, 14.5527, 13.7533** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.1749, 31.6278, 31.7261**, and the grayscale version is **13.9288, 14.6542, 15.9584**.

A 20% lighter version of the original color is **44.8002, 34.1036, 33.4996**, and **7.6956, 4.4063, 3.9349** is the 20% darker color. If you saturate the color by 10%, you get **19.5137, 12.2735, 10.4532**, and if you desaturate by 10%, it is **23.0895, 17.4779, 17.6484**.

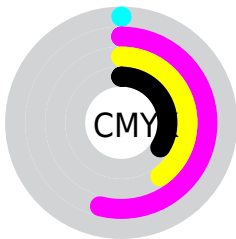
Distribution



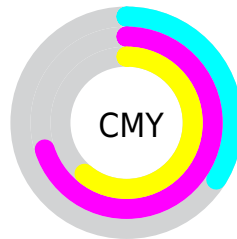
- Red (66%)
- Green (30%)
- Blue (39%)



- Red (66%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (40%)
- Black (34%)



- Cyan (34%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1026, 14.5527, 13.7533 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 21.1026, 14.5527, 13.7533 by changing the saturation by 10% instead.

■ 21.1026, 14.5527,
13.7533

■ 21.1026, 14.5527,
13.7533

250.5447,
220.6426, 227.0655

■ 13.3119, 8.5061,
7.8125

■ 44.7482, 34.0665,
33.3615

■ 7.7222, 4.4204,
3.8892

■ 61.3339, 48.3026,
47.8659

■ 3.9680, 1.9114,
1.5647

■ 81.5818, 66.0371,
66.0619

■ 1.6840, 0.5552,
0.2655

■ 105.8576, 87.6547,
88.3682

■ 0.4462, 0.0000,
0.0000

■ 134.5263,
113.5396, 115.2031

■ 0.0000, 0.0000,
0.0000

167.9535,

144.0763, 146.9852

206.5045,
179.6492, 184.1332

■ 21.1026, 14.5527,
13.7533

■ 21.1026, 14.5527,
13.7533

■ 19.5137, 12.2735,
10.4532

■ 23.0895, 17.4779,
17.6484

■ 18.2934, 10.5887,
7.7168

■ 25.4986, 21.0913,
22.1658

■ 17.4102, 9.4422,
5.5110

■ 28.3534, 25.4338,
27.3322

■ 16.8259, 8.7661,
3.7983

■ 31.6755, 30.5427,
33.1723

■ 16.5746, 8.4953,
2.9996

■ 35.4848, 36.4527,
39.7096

■ 39.8002, 43.1963,
46.9663

■ 44.6397, 50.8042,
54.9637

■ 50.0200, 59.3056,
63.7222

■ 55.9575, 68.7284,
73.2614

Harmonies

Analogous

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



20.5015, 14.5527, 24.0408



21.1026, 14.5527, 13.7533



19.5227, 14.5527, 7.2642

Triad

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



21.1026, 14.5527, 13.7533



10.3694, 14.5527, 5.3352



11.5021, 14.5527, 39.0214

Complementary

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



21.1026, 14.5527, 13.7533



22.1749, 31.6278, 31.7261

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.



9.3708, 14.5527, 29.4093



21.1026, 14.5527, 13.7533



8.7928, 14.5527, 9.7629

Square

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



21.1026, 14.5527, 13.7533



13.0807, 14.5527, 3.8130



8.4585, 14.5527, 18.1396



14.6113, 14.5527, 41.4624

Rectangle

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



21.1026, 14.5527, 13.7533



17.5729, 14.5527, 4.9999



8.4585, 14.5527, 18.1396



10.6635, 14.5527, 36.3779

Sweetspot

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



21.1030, 14.5535, 13.7536



56.1228, 53.3296, 57.8340



21.1775, 14.0411, 38.6398



11.9681, 11.2165, 12.1430



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.1030, 14.5535, 13.7536



34.9086, 21.5674, 17.8802



21.8781, 17.6406, 9.2740



7.6060, 7.5723, 8.2424



12.5345, 6.4225, 2.3604



0.3249, 0.1643, 0.1626

Inverse Universe

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



21.1030, 14.5535, 13.7536



34.9086, 21.5674, 17.8802



20.5266, 25.2005, 40.8281



7.6060, 7.5723, 8.2424



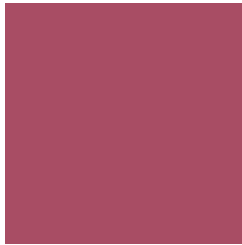
12.5345, 6.4225, 2.3604



0.3249, 0.1643, 0.1626

Previews

White Background



This preview shows how the XYZ color 21.1026, 14.5527, 13.7533 looks on a white 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

Black Background



This preview shows how the XYZ color 21.1026, 14.5527, 13.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

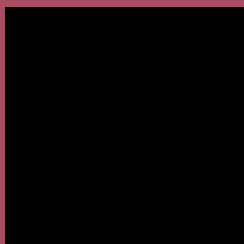
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1026, 14.5527, 13.7533

Background



This preview shows how black text looks on a background with the XYZ color 21.1026, 14.5527, 13.7533.



This preview shows how white text looks on a background with the XYZ color 21.1026, 14.5527,

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

21.1026, 14.5527, 13.7533

Protanopia

14.3088, 14.6566, 18.9045

Deuteranopia

14.9876, 14.6826, 13.1104



Tritanopia

20.4447, 14.6087, 10.3365

Trichromacy



Original Color

21.1026, 14.5527, 13.7533

Protanomaly

16.0147, 13.9992, 16.8970

Deuteranomaly

16.8078, 14.3574, 13.1947

Tritanomaly

20.5778, 14.5456, 11.3959

Monochromacy



Original Color

21.1026, 14.5527, 13.7533

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.7348, 14.0323, 14.9759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1026, 14.5527, 13.7533 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(168, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(168, 77, 100)  
}
```

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(168, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 77, 100) }
```

Border

The CSS property to change the border of an element to XYZ 21.1026, 14.5527, 13.7533 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(168, 77, 100) }
```


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

```
.border{ border-color:rgb(168, 77, 100) }
```

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

Here you see how a box with a 4 pixel rgb(168, 77, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(168, 77,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1026, 14.5527, 13.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 77, 100) }
```

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

```
.background{ background-color: rgb(168, 77,  
100) }
```

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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