

Converting Colors

XYZ(21.4130, 14.5140, 27.6841)

Have a look what the booklet for
XYZ(21.4130, 14.5140, 27.6841)
contains.

XYZ(21.3926, 14.4999, 27.6578)	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(21.3926, 14.4999,
27.6578)**

Conversions

Conversions Part 1

Format	Color
Hex	9C4E8F
RGB	156, 78, 143
RGB Percent	61%, 31%, 56%
CMY	0.3882, 0.6941, 0.4392
CMYK	0.00, 0.50, 0.08, 0.39
HSL	310°, 33%, 46%
HSV	310°, 50%, 61%
XYZ	21.3926, 14.4999, 27.6578
YIQ	108.7320, 25.6230, 36.7510

Conversions

Conversions Part 2

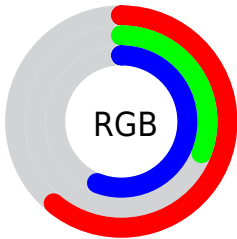
Format	Color
R_{YB}	156, 78, 143
Decimal	10243727
CIE _{Lab}	44.94, 41.46, -21.59
CIE _{LCh}	45, 46.749, 332.493
Yxy	14.4999, 0.3366, 0.2282
Android (android.graphics.Color)	4288433807 (0xFF9C4E8F)
YUV	108.7320, 16.8941, 41.4540
Hunter-Lab	38.0787, 33.6434, -16.4091

Details

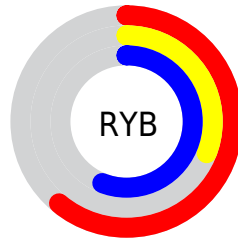
The XYZ color **21.3926, 14.4999, 27.6578** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.9193, 26.1524, 14.0548**, and the grayscale version is **14.4092, 15.1596, 16.5088**.

A 20% lighter version of the original color is **45.2121, 33.9935, 57.0018**, and **7.8947, 4.3951, 10.5574** is the 20% darker color. If you saturate the color by 10%, you get **20.2183, 12.4627, 26.3058**, and if you desaturate by 10%, it is **22.8353, 17.0661, 29.1220**.

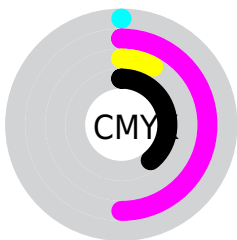
Distribution



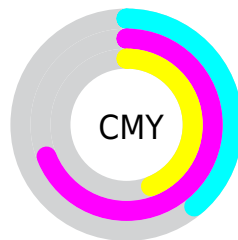
- Red (61%)
- Green (31%)
- Blue (56%)



- Red (61%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (39%)





- Cyan (39%)
- Magenta (69%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3926, 14.4999, 27.6578 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 21.3926, 14.4999, 27.6578 by changing the saturation by 10% instead.


 21.3926, 14.4999,
27.6578

 21.3926, 14.4999,
27.6578


252.0501,
220.3189, 304.6884


 13.5254, 8.4692,
17.8311


 45.2264, 33.9734,
56.9541

 7.8708, 4.3966,
10.6606


 61.9237, 48.1850,
77.2608


 4.0635, 1.8978,
5.7278

 82.2950, 65.8924,
101.8979

 1.7381, 0.5471,
2.6142

 106.7058, 87.4798,
131.2840

 0.4799, 0.0000,
0.8998

 135.5213,
113.3318, 165.8375

 0.0000, 0.0000,
0.0000

169.1069,

143.8327, 205.9771

207.8281,
179.3670, 252.1212

■ 21.3926, 14.4999,
27.6578

■ 21.3926, 14.4999,
27.6578

■ 20.2183, 12.4627,
26.3058

■ 22.8353, 17.0661,
29.1220

■ 19.2921, 10.9146,
25.0588

■ 24.5621, 20.1934,
30.7035

■ 18.5930, 9.8136,
23.9097

■ 26.5891, 23.9137,
32.4079

■ 18.0959, 9.1094,
22.8501

■ 28.9307, 28.2558,
34.2401

■ 17.7397, 8.6798,
21.8593

■ 31.6005, 33.2468,
36.2048

■ 17.7396, 8.6797,
21.8590

■ 34.6113, 38.9122,
38.3065

■ 37.9751, 45.2759,
40.5492

■ 41.7033, 52.3609,
42.9369

■ 45.8069, 60.1890,
45.4734

Harmonies

Analogous

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



18.1245, 14.4999, 41.0673



21.3926, 14.4999, 27.6578



22.5176, 14.4999, 14.8888

Triad

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



21.3926, 14.4999, 27.6578



13.4641, 14.4999, 2.7062



8.4604, 14.4999, 30.0300

Complementary

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



21.3926, 14.4999, 27.6578



16.9193, 26.1524, 14.0548

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.



7.6600, 14.4999, 16.7225



21.3926, 14.4999, 27.6578



10.1947, 14.4999, 3.8494

Square

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



21.3926, 14.4999, 27.6578



17.4671, 14.4999, 3.5025



8.2313, 14.4999, 7.9181



10.6550, 14.4999, 42.8257

Rectangle

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



21.3926, 14.4999, 27.6578



21.7594, 14.4999, 9.0202



8.2313, 14.4999, 7.9181



8.0399, 14.4999, 25.3003

Sweetspot

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



21.3931, 14.5006, 27.6581



50.2194, 46.9970, 60.3962



13.0403, 10.0741, 32.7099



10.8712, 10.0094, 13.1483



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.



21.3931, 14.5006, 27.6581



36.4988, 22.2557, 47.4992



18.9340, 13.5169, 14.7086



6.8567, 6.7356, 8.0962



14.6228, 7.1537, 18.0623



0.2730, 0.1325, 0.3836

Inverse Universe

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



21.3931, 14.5006, 27.6581



36.4988, 22.2557, 47.4992



19.0602, 27.0088, 25.3284



6.8567, 6.7356, 8.0962



14.6228, 7.1537, 18.0623



0.2730, 0.1325, 0.3836

Previews

White Background



This preview shows how the XYZ color 21.3926, 14.4999, 27.6578 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 21.3926, 14.4999, 27.6578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

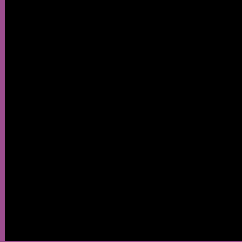
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3926, 14.4999, 27.6578

Background



This preview shows how black text looks on a background with the XYZ color 21.3926, 14.4999, 27.6578.



This preview shows how white text looks on a background with the XYZ color 21.3926, 14.4999,

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

21.3926, 14.4999, 27.6578

Protanopia

15.5902, 14.7619, 37.1496

Deuteranopia

14.8946, 14.6475, 26.0870



Tritanopia

18.4004, 14.5503, 12.6652

Trichromacy



Original Color

21.3926, 14.4999, 27.6578

Protanomaly

16.6485, 13.9642, 33.2704

Deuteranomaly

16.5716, 14.0709, 26.6535

Tritanomaly

19.3100, 14.4392, 17.0985

Monochromacy



Original Color

21.3926, 14.4999, 27.6578

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.4231, 14.5515, 20.0323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3926, 14.4999, 27.6578 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(156, 78, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 78, 143)  
}
```

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(156, 78, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 78, 143) }
```

Border

The CSS property to change the border of an element to XYZ 21.3926, 14.4999, 27.6578 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(156, 78, 143) }
```


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

```
.border{ border-color:rgb(156, 78, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 78, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 78, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 78, 143);  
box-shadow:4px 4px 4px 4px rgb(156, 78,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3926, 14.4999, 27.6578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 78, 143) }
```

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

```
.background{ background-color: rgb(156, 78,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor