

Converting Colors

XYZ(21.2725, 14.0490, 31.0559)

Have a look what the booklet for
XYZ(21.2725, 14.0490, 31.0559)
contains.

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Color

**XYZ(21.2389, 14.0388,
30.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	994B97
RGB	153, 75, 151
RGB Percent	60%, 29%, 59%
CMY	0.4000, 0.7059, 0.4078
CMYK	0.00, 0.51, 0.01, 0.40
HSL	302°, 34%, 45%
HSV	302°, 51%, 60%
XYZ	21.2389, 14.0388, 30.8685
YIQ	106.9860, 22.0920, 40.1720

Conversions

Conversions Part 2

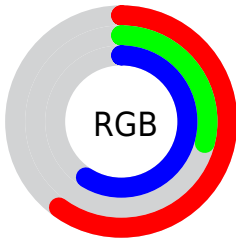
Format	Color
R_{YB}	153, 75, 151
Decimal	10046359
CIE _{Lab}	44.29, 43.55, -27.44
CIE _{LCh}	44, 51.473, 327.785
Yxy	14.0388, 0.3211, 0.2122
Android (android.graphics.Color)	4288236439 (0xFF994B97)
YUV	106.9860, 21.6989, 40.3543
Hunter-Lab	37.4684, 35.6128, -22.6185

Details

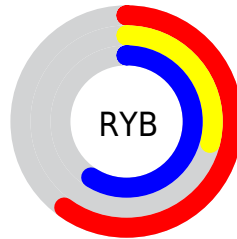
The XYZ color **21.2389, 14.0388, 30.8685** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **15.6331, 24.8148, 10.9878**, and the grayscale version is **13.9092, 14.6336, 15.9360**.

A 20% lighter version of the original color is **45.0244, 33.1903, 62.4258**, and **7.8427, 4.2032, 12.4545** is the 20% darker color. If you saturate the color by 10%, you get **20.2916, 12.1948, 30.3958**, and if you desaturate by 10%, it is **22.4368, 16.3832, 31.4255**.

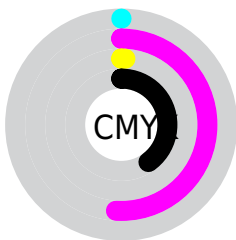
Distribution



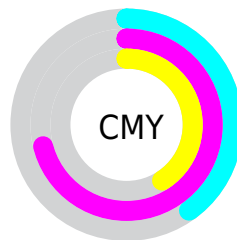
- Red (60%)
- Green (29%)
- Blue (59%)



- Red (60%)
- Yellow (29%)
- Blue (59%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (40%)





- Cyan (40%)
- Magenta (71%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.2389, 14.0388, 30.8685 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 21.2389, 14.0388, 30.8685 by changing the saturation by 10% instead.


 21.2389, 14.0388,
30.8685


 21.2389, 14.0388,
30.8685


251.2532,
217.4721, 320.2645


 13.4122, 8.1477,
20.2411


 44.9731, 33.1579,
62.1101


 7.7919, 4.1896,
12.3846


 61.6113, 47.1546,
83.5614


 4.0128, 1.7802,
6.8805


 81.9173, 64.6219,
109.4578

 1.7094, 0.4748,
3.3101

 106.2566, 85.9443,
140.2178

 0.4621, 0.0000,
1.2551

 134.9945,
111.5061, 176.2599

 0.0000, 0.0000,
0.0246

168.4963,

 0.0000, 0.0000,

141.6917, 218.0027

0.0000

207.1274,
176.8856, 265.8647

■ 21.2389, 14.0388,
30.8685

■ 21.2389, 14.0388,
30.8685

■ 20.2916, 12.1948,
30.3958

■ 22.4368, 16.3832,
31.4255

■ 19.5753, 10.8129,
30.0006

■ 23.9003, 19.2590,
32.0714

■ 19.0698, 9.8525,
29.6761

■ 25.6449, 22.6966,
32.8115

■ 18.7508, 9.2649,
29.4143

■ 27.6844, 26.7240,
33.6504

■ 18.5680, 8.9448,
29.2136

■ 30.0317, 31.3669,
34.5925

■ 32.6992, 36.6499,
35.6418

■ 35.6982, 42.5958,
36.8022

■ 39.0398, 49.2267,
38.0773

■ 42.7344, 56.5634,
39.4706

Harmonies

Analogous

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



17.3914, 14.0388, 45.4626



21.2389, 14.0388, 30.8685



22.9383, 14.0388, 16.1804

Triad

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



21.2389, 14.0388, 30.8685



13.6523, 14.0388, 1.9707



7.4861, 14.0388, 28.5030

Complementary

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



21.2389, 14.0388, 30.8685



15.6331, 24.8148, 10.9878

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.



6.8851, 14.0388, 14.4249



21.2389, 14.0388, 30.8685



9.9781, 14.0388, 2.7119

Square

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



21.2389, 14.0388, 30.8685



18.0325, 14.0388, 2.9986



7.6965, 14.0388, 6.0947



9.5471, 14.0388, 43.6716

Rectangle

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



21.2389, 14.0388, 30.8685



22.4071, 14.0388, 9.3459



7.6965, 14.0388, 6.0947



7.1278, 14.0388, 23.3241

Sweetspot

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



21.2394, 14.0394, 30.8688



47.9353, 44.6120, 59.5920



11.2708, 8.8815, 31.2578



10.4300, 9.5455, 13.0948



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.2394, 14.0394, 30.8688



36.1603, 21.4923, 54.3404



18.6173, 12.9906, 17.0613



6.4544, 6.3209, 7.7729



15.3478, 7.3934, 24.1544



0.2313, 0.1113, 0.3708

Inverse Universe

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



21.2394, 14.0394, 30.8688



36.1603, 21.4923, 54.3404



17.4053, 25.5237, 20.3202



6.4544, 6.3209, 7.7729



15.3478, 7.3934, 24.1544



0.2313, 0.1113, 0.3708

Previews

White Background



This preview shows how the XYZ color 21.2389, 14.0388, 30.8685 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 21.2389, 14.0388, 30.8685 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 21.2389, 14.0388, 30.8685

Background



This preview shows how black text looks on a background with the XYZ color 21.2389, 14.0388, 30.8685.



This preview shows how white text looks on a background with the XYZ color 21.2389, 14.0388,

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

21.2389, 14.0388, 30.8685

Protanopia

15.5686, 14.3321, 42.5033

Deuteranopia

14.5523, 14.2513, 29.1779



Tritanopia

17.4920, 14.0820, 12.6226

Trichromacy



Original Color

21.2389, 14.0388, 30.8685

Protanomaly

16.5062, 13.5249, 37.8170

Deuteranomaly

16.1991, 13.5442, 29.7775

Tritanomaly

18.6593, 13.9680, 17.9323

Monochromacy



Original Color

21.2389, 14.0388, 30.8685

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.9795, 13.8996, 20.5796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2389, 14.0388, 30.8685 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(153, 75, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 75, 151)  
}
```

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(153, 75, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 75, 151) }
```

Border

The CSS property to change the border of an element to XYZ 21.2389, 14.0388, 30.8685 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(153, 75, 151) }
```


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

```
.border{ border-color:rgb(153, 75, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 75, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 75, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 75, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 75,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2389, 14.0388, 30.8685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 75, 151) }
```

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

```
.background{ background-color: rgb(153, 75,  
151) }
```

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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