

Converting Colors

XYZ(14.4760, 13.5292, 21.5951)

Have a look what the booklet for
XYZ(14.4760, 13.5292, 21.5951)
contains.

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Color

**XYZ(14.4403, 13.4929,
21.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	6D627E
RGB	109, 98, 126
RGB Percent	43%, 38%, 49%
CMY	0.5725, 0.6157, 0.5059
CMYK	0.13, 0.22, 0.00, 0.51
HSL	264°, 12%, 44%
HSV	264°, 22%, 49%
XYZ	14.4403, 13.4929, 21.5820
YIQ	104.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

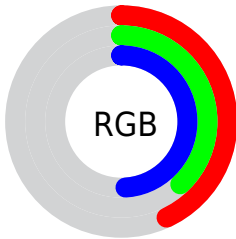
Format	Color
R_{YB}	109, 98, 126
Decimal	7168638
CIE Lab	43.50, 10.35, -14.03
CIE LCh	43, 17.433, 306.406
Yxy	13.4929, 0.2916, 0.2725
Android (android.graphics.Color)	4285358718 (0xFF6D627E)
YUV	104.4810, 10.6089, 3.9632
Hunter-Lab	36.7327, 5.8895, -9.1225

Details

The XYZ color **14.4403, 13.4929, 21.5820** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.7360, 19.4487, 14.4277**, and the grayscale version is **13.2603, 13.9509, 15.1925**.

A 20% lighter version of the original color is **33.5821, 32.3266, 47.1175**, and **4.4920, 3.9839, 7.5534** is the 20% darker color. If you saturate the color by 10%, you get **12.4525, 10.8539, 21.1776**, and if you desaturate by 10%, it is **16.6965, 16.5465, 22.0527**.

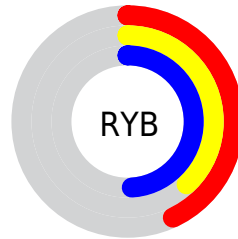
Distribution



Red (43%)

Green (38%)

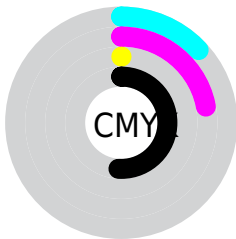
Blue (49%)



Red (43%)

Yellow (38%)

Blue (49%)

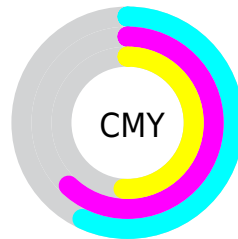


Cyan (13%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4403, 13.4929, 21.5820 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 14.4403, 13.4929, 21.5820 by changing the saturation by 10% instead.

■ 14.4403, 13.4929,
21.5820

■ 14.4403, 13.4929,
21.5820

213.4093,
214.0529, 273.2375

■ 8.5113, 7.7688,
13.3547

■ 33.4480, 32.1865,
46.9475

■ 4.4783, 3.9474,
7.5397

■ 47.2575, 45.9248,
64.9227

■ 1.9761, 1.6442,
3.7183

■ 64.4244, 63.1034,
86.9843

■ 0.6205, 0.3871,
1.4721

■ 85.3142, 84.1065,
113.5509

■ 0.0000, 0.0000,
0.1970

110.2923,
109.3186, 145.0410

■ 0.0000, 0.0000,
0.0000

139.7239,

139.1241, 181.8731

173.9744,
173.9074, 224.4657

■ 14.4403, 13.4929,
21.5820

■ 14.4403, 13.4929,
21.5820

■ 12.4525, 10.8539,
21.1776

■ 16.6965, 16.5465,
22.0527

■ 10.7211, 8.6094,
20.8356

■ 19.2299, 20.0301,
22.5916

■ 9.2349, 6.7402,
20.5532

■ 22.0504, 23.9607,
23.2016

■ 7.9816, 5.2246,
20.3267

■ 25.1673, 28.3535,
23.8852

■ 6.9474, 4.0388,
20.1523

■ 28.5890, 33.2233,
24.6448

6.1170, 3.1558,
20.0256

32.3240, 38.5839,
25.4827

5.4728, 2.5442,
19.9415

36.3801, 44.4489,
26.4010

5.0569, 2.1719,
19.8916

40.7651, 50.8310,
27.4017

45.4863, 57.7427,
28.4870

Harmonies

Analogous

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



13.1186, 13.4929, 23.4628



14.4403, 13.4929, 21.5820



15.3737, 13.4929, 17.8980

Triad

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



14.4403, 13.4929, 21.5820



13.9001, 13.4929, 8.8409



10.3972, 13.4929, 15.5431

Complementary

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



14.4403, 13.4929, 21.5820



16.7360, 19.4487, 14.4277

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.



10.5741, 13.4929, 11.8928



14.4403, 13.4929, 21.5820



12.5350, 13.4929, 8.4343

Square

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



14.4403, 13.4929, 21.5820



15.0468, 13.4929, 10.6793



11.3341, 13.4929, 9.4500



10.8327, 13.4929, 19.6004

Rectangle

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



14.4403, 13.4929, 21.5820



15.6159, 13.4929, 15.1660



11.3341, 13.4929, 9.4500



10.3874, 13.4929, 14.2269

Sweetspot

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



14.4407, 13.4935, 21.5823



31.5822, 32.1296, 39.2814



14.9645, 16.4258, 22.1207



7.1410, 7.2494, 8.9260



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4407, 13.4935, 21.5823



23.4680, 21.1493, 37.5897



16.2642, 14.4335, 21.6676



4.2563, 4.2877, 5.4166



5.1833, 2.2258, 20.4064



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0667, 14.4093, 18.1544



26.9379, 23.1056, 30.1888



15.0626, 18.5860, 14.3494



4.4288, 4.3847, 5.0625



10.1811, 5.0921, 7.5435



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4403, 13.4929, 21.5820 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 14.4403, 13.4929, 21.5820 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 14.4403, 13.4929, 21.5820

Background



This preview shows how black text looks on a background with the XYZ color 14.4403, 13.4929, 21.5820.



This preview shows how white text looks on a background with the XYZ color 14.4403, 13.4929,

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

14.4403, 13.4929, 21.5820

Protanopia

13.5377, 13.5745, 22.6755

Deuteranopia

13.7222, 13.5547, 21.2951



Tritanopia

13.3579, 13.4757, 16.3650

Trichromacy



Original Color

14.4403, 13.4929, 21.5820

Protanomaly

13.9168, 13.6326, 22.3199

Deuteranomaly

13.9678, 13.5381, 21.2790

Tritanomaly

13.7151, 13.4779, 18.0983

Monochromacy



Original Color

14.4403, 13.4929, 21.5820

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.6199, 13.7368, 17.2629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4403, 13.4929, 21.5820 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(109, 98, 126)` looks like.

```
.text, #text, p{  
    color:rgb(109, 98, 126)  
}
```

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(109, 98, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 98, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.4403, 13.4929, 21.5820 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(109, 98, 126) }
```


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

```
.border{ border-color:rgb(109, 98, 126) }
```

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

Here you see how a box with a 4 pixel rgb(109, 98, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 98, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 98, 126);  
box-shadow:4px 4px 4px 4px rgb(109, 98,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4403, 13.4929, 21.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 98, 126) }
```

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

```
.background{ background-color: rgb(109, 98,  
126) }
```

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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