

Converting Colors

XYZ(14.4520, 13.2019, 22.5554)

Have a look what the booklet for
XYZ(14.4520, 13.2019, 22.5554)
contains.

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Color

**XYZ(14.4520, 13.2019,
22.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6081
RGB	109, 96, 129
RGB Percent	43%, 38%, 51%
CMY	0.5725, 0.6235, 0.4941
CMYK	0.16, 0.26, 0.00, 0.49
HSL	264°, 15%, 44%
HSV	264°, 26%, 51%
XYZ	14.4520, 13.2019, 22.5554
YIQ	103.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

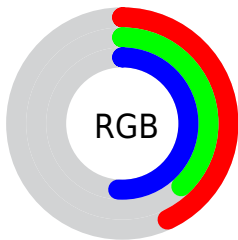
Format	Color
R_{YB}	109, 96, 129
Decimal	7168129
CIE Lab	43.07, 12.28, -16.50
CIE LCh	43, 20.566, 306.647
Yxy	13.2019, 0.2878, 0.2629
Android (android.graphics.Color)	4285358209 (0xFF6D6081)
YUV	103.6490, 12.4980, 4.6928
Hunter-Lab	36.3344, 7.4131, -11.3715

Details

The XYZ color **14.4520, 13.2019, 22.5554** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.1644, 20.2583, 14.0725**, and the grayscale version is **13.0330, 13.7117, 14.9321**.

A 20% lighter version of the original color is **33.5752, 31.8219, 48.6286**, and **4.5130, 3.8525, 8.0952** is the 20% darker color. If you saturate the color by 10%, you get **12.4509, 10.5644, 22.1520**, and if you desaturate by 10%, it is **16.7326, 16.2709, 23.0278**.

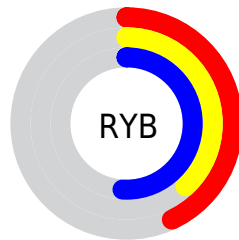
Distribution



Red (43%)

Green (38%)

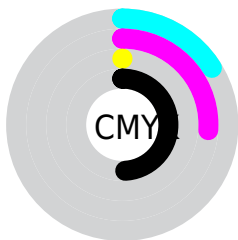
Blue (51%)



Red (43%)

Yellow (38%)

Blue (51%)

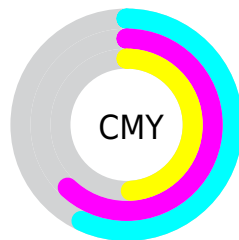


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (49%)



Cyan (57%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4520, 13.2019, 22.5554 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 14.4520, 13.2019, 22.5554 by changing the saturation by 10% instead.

■ 14.4520, 13.2019,
22.5554

■ 14.4520, 13.2019,
22.5554

213.4797,
212.2076, 278.4807

■ 8.5195, 7.5677,
14.0634

■ 33.4685, 31.6660,
48.5762

■ 4.4837, 3.8196,
8.0255

■ 47.2833, 45.2648,
66.9420

■ 1.9793, 1.5732,
4.0233

■ 64.4561, 62.2872,
89.4361

■ 0.6223, 0.3394,
1.6381

■ 85.3525, 83.1176,
116.4771

■ 0.0000, 0.0000,
0.3178

110.3376,
108.1405, 148.4835

■ 0.0000, 0.0000,
0.0000

139.7770,

137.7401, 185.8739

174.0359,
172.3011, 229.0668

■ 14.4520, 13.2019,
22.5554

■ 14.4520, 13.2019,
22.5554

■ 12.4509, 10.5644,
22.1520

■ 16.7326, 16.2709,
23.0278

■ 10.7166, 8.3369,
21.8134

■ 19.3025, 19.7883,
23.5713

■ 9.2367, 6.4982,
21.5365

■ 22.1722, 23.7724,
24.1890

■ 7.9979, 5.0247,
21.3174

■ 25.3517, 28.2396,
24.8837

■ 6.9850, 3.8901,
21.1518

■ 28.8501, 33.2057,
25.6579

6.1811, 3.0645,
21.0348

32.6765, 38.6858,
26.5140

5.5604, 2.5006,
20.9587

36.8392, 44.6942,
27.4543

5.3186, 2.2841,
20.9296

41.3467, 51.2447,
28.4811

46.2067, 58.3507,
29.5966

Harmonies

Analogous

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



12.9033, 13.2019, 24.8763



14.4520, 13.2019, 22.5554



15.5520, 13.2019, 18.1105

Triad

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



14.4520, 13.2019, 22.5554



13.7924, 13.2019, 7.7699



9.7634, 13.2019, 15.4064

Complementary

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



14.4520, 13.2019, 22.5554



17.1644, 20.2583, 14.0725

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.



9.9581, 13.2019, 11.1914



14.4520, 13.2019, 22.5554



12.1993, 13.2019, 7.3434

Square

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



14.4520, 13.2019, 22.5554



15.1494, 13.2019, 9.7778



10.8191, 13.2019, 8.4582



10.2629, 13.2019, 20.2246

Rectangle

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



14.4520, 13.2019, 22.5554



15.8351, 13.2019, 14.8900



10.8191, 13.2019, 8.4582



9.7505, 13.2019, 13.8712

Sweetspot

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



14.4524, 13.2024, 22.5557



33.3151, 33.7145, 41.9441



15.0725, 16.6438, 23.1873



7.4009, 7.4393, 9.4642



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4524, 13.2024, 22.5557



23.6200, 20.6498, 39.9334



16.6250, 14.3225, 22.6574



4.2567, 4.2879, 5.4166



5.1901, 2.2293, 20.4067



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3889, 14.2943, 18.4187



27.7977, 23.0080, 30.8880



15.2009, 19.2461, 13.9806



4.4286, 4.3846, 5.0616



10.1763, 5.0902, 7.5180



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4520, 13.2019, 22.5554 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 14.4520, 13.2019, 22.5554 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 14.4520, 13.2019, 22.5554

Background



This preview shows how black text looks on a background with the XYZ color 14.4520, 13.2019, 22.5554.



This preview shows how white text looks on a background with the XYZ color 14.4520, 13.2019,

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

14.4520, 13.2019, 22.5554

Protanopia

13.3327, 13.3005, 23.6943

Deuteranopia

13.4905, 13.2695, 22.2723



Tritanopia

13.0896, 13.2003, 16.0454

Trichromacy



Original Color

14.4520, 13.2019, 22.5554

Protanomaly

13.7042, 13.2150, 23.3012

Deuteranomaly

13.8376, 13.3070, 22.2613

Tritanomaly

13.5581, 13.2488, 18.3657

Monochromacy



Original Color

14.4520, 13.2019, 22.5554

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5782, 13.5638, 17.5252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4520, 13.2019, 22.5554 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, 96, 129)` looks like.

```
.text, #text, p{  
    color:rgb(109, 96, 129)  
}
```

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, 96, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 96, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.4520, 13.2019, 22.5554 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, 96, 129) }
```


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

```
.border{ border-color:rgb(109, 96, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 96, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 96, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 96, 129);  
box-shadow:4px 4px 4px 4px rgb(109, 96,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4520, 13.2019, 22.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 96, 129) }
```

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

```
.background{ background-color: rgb(109, 96,  
129) }
```

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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