

Converting Colors

XYZ(14.9500, 14.0143, 22.6860)

Have a look what the booklet for
XYZ(14.9500, 14.0143, 22.6860)
contains.

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Color

**XYZ(14.9500, 14.0143,
22.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6481
RGB	110, 100, 129
RGB Percent	43%, 39%, 51%
CMY	0.5686, 0.6078, 0.4941
CMYK	0.15, 0.22, 0.00, 0.49
HSL	261°, 13%, 45%
HSV	261°, 22%, 51%
XYZ	14.9500, 14.0143, 22.6860
YIQ	106.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

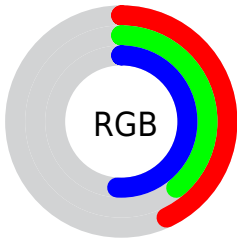
Format	Color
R_{YB}	110, 100, 129
Decimal	7234689
CIE _{Lab}	44.25, 10.19, -14.68
CIE _{LCh}	44, 17.870, 304.758
Yxy	14.0143, 0.2894, 0.2713
Android (android.graphics.Color)	4285424769 (0xFF6E6481)
YUV	106.2960, 11.1931, 3.2484
Hunter-Lab	37.4357, 5.7718, -9.7247

Details

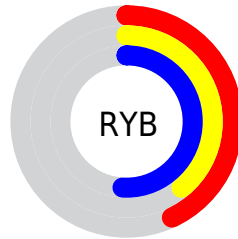
The XYZ color **14.9500, 14.0143, 22.6860** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.7588, 20.5430, 15.0864**, and the grayscale version is **13.7520, 14.4682, 15.7559**.

A 20% lighter version of the original color is **34.4104, 33.1920, 48.8490**, and **4.7077, 4.1495, 8.1422** is the 20% darker color. If you saturate the color by 10%, you get **12.8075, 11.2165, 22.2591**, and if you desaturate by 10%, it is **17.3897, 17.2569, 23.1835**.

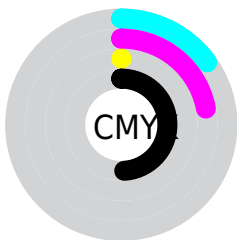
Distribution



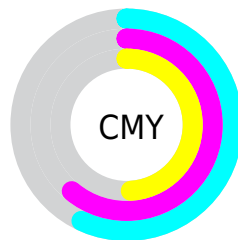
- Red (43%)
- Green (39%)
- Blue (51%)



- Red (43%)
- Yellow (39%)
- Blue (51%)



- Cyan (15%)
- Magenta (22%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9500, 14.0143, 22.6860 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 14.9500, 14.0143, 22.6860 by changing the saturation by 10% instead.

■ 14.9500, 14.0143,
22.6860

■ 14.9500, 14.0143,
22.6860

216.4578,
217.3198, 279.1776

■ 8.8704, 8.1306,
14.1587

■ 34.3378, 33.1144,
48.7939

■ 4.7132, 4.1786,
8.0911

■ 48.3767, 47.0996,
67.2115

■ 2.1130, 1.7740,
4.0647

■ 65.7995, 64.5541,
89.7630

■ 0.6963, 0.4709,
1.6609

■ 86.9714, 85.8623,
116.8670

■ 0.0000, 0.0000,
0.3337

112.2578,
111.4085, 148.9418

■ 0.0000, 0.0000,
0.0000

142.0241,

141.5773, 186.4062

176.6356,
176.7529, 229.6786

■ 14.9500, 14.0143,
22.6860

■ 14.9500, 14.0143,
22.6860

■ 12.8075, 11.2165,
22.2591

■ 17.3897, 17.2569,
23.1835

■ 10.9488, 8.8418,
21.8987

■ 20.1364, 20.9610,
23.7537

■ 9.3615, 6.8695,
21.6017

■ 23.2014, 25.1449,
24.3997

■ 8.0318, 5.2763,
21.3643

■ 26.5948, 29.8249,
25.1242

■ 6.9442, 4.0364,
21.1823

■ 30.3261, 35.0170,
25.9297

6.0818, 3.1207,
21.0510

34.4047, 40.7361,
26.8187

5.4248, 2.4952,
20.9648

38.8395, 46.9967,
27.7934

5.0219, 2.1311,
20.9158

43.6391, 53.8128,
28.8560

48.8117, 61.1976,
30.0088

Harmonies

Analogous

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



13.5495, 14.0143, 24.5286



14.9500, 14.0143, 22.6860



15.9652, 14.0143, 18.8696

Triad

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



14.9500, 14.0143, 22.6860



14.5275, 14.0143, 9.1873



10.7637, 14.0143, 15.9217

Complementary

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



14.9500, 14.0143, 22.6860



17.7588, 20.5430, 15.0864

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.



10.9847, 14.0143, 12.1414



14.9500, 14.0143, 22.6860



13.0934, 14.0143, 8.6802

Square

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



14.9500, 14.0143, 22.6860



15.7092, 14.0143, 11.1958



11.8133, 14.0143, 9.6610



11.1865, 14.0143, 20.2031

Rectangle

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



14.9500, 14.0143, 22.6860



16.2501, 14.0143, 15.9900



11.8133, 14.0143, 9.6610



10.7654, 14.0143, 14.5510

Sweetspot

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



14.9504, 14.0149, 22.6863



33.6853, 34.3235, 42.0422



15.8550, 17.5679, 23.3244



7.5756, 7.7030, 9.5059



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.



14.9504, 14.0149, 22.6863



24.7300, 22.4176, 40.2161



16.8564, 14.9974, 22.7755



4.2378, 4.2782, 5.4157



4.9005, 2.0800, 20.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9407, 15.1140, 19.4779



28.9973, 24.7765, 33.2319



15.9571, 19.6142, 15.0021



4.4371, 4.3880, 5.1063



10.4093, 5.1834, 8.7449



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9500, 14.0143, 22.6860 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 14.9500, 14.0143, 22.6860 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 14.9500, 14.0143, 22.6860

Background



This preview shows how black text looks on a background with the XYZ color 14.9500, 14.0143, 22.6860.



This preview shows how white text looks on a background with the XYZ color 14.9500, 14.0143,

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

14.9500, 14.0143, 22.6860

Protanopia

14.1522, 14.1632, 23.8177

Deuteranopia

14.3073, 13.9713, 22.7115



Tritanopia

13.7829, 13.9740, 17.0097

Trichromacy



Original Color

14.9500, 14.0143, 22.6860

Protanomaly

14.4265, 14.1640, 23.4463

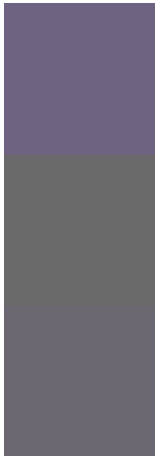
Deuteranomaly

14.5600, 13.9565, 22.6954

Tritanomaly

14.2057, 13.9989, 19.0929

Monochromacy



Original Color

14.9500, 14.0143, 22.6860

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0510, 14.2413, 17.9279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9500, 14.0143, 22.6860 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(110, 100, 129)` looks like.

```
.text, #text, p{  
    color:rgb(110, 100, 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(110, 100, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 100, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.9500, 14.0143, 22.6860 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(110, 100, 129) }
```


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

```
.border{ border-color:rgb(110, 100, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 100, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 100, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 100, 129);  
box-shadow:4px 4px 4px 4px rgb(110, 100,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9500, 14.0143, 22.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 100, 129) }
```

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

```
.background{ background-color: rgb(110,  
100, 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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