

Converting Colors

XYZ(14.8879, 14.5812, 22.7989)

Have a look what the booklet for
XYZ(14.8879, 14.5812, 22.7989)
contains.

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Color

**XYZ(14.8566, 14.5498,
22.7942)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6881
RGB	106, 104, 129
RGB Percent	42%, 41%, 51%
CMY	0.5843, 0.5921, 0.4941
CMYK	0.18, 0.19, 0.00, 0.49
HSL	245°, 11%, 46%
HSV	245°, 19%, 51%
XYZ	14.8566, 14.5498, 22.7942
YIQ	107.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

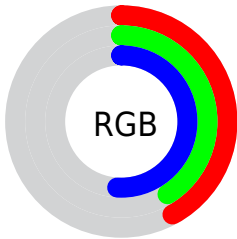
Format	Color
R_{YB}	106, 104, 129
Decimal	6973569
CIE Lab	45.01, 6.36, -13.56
CIE LCh	45, 14.979, 295.116
Yxy	14.5498, 0.2846, 0.2787
Android (android.graphics.Color)	4285163649 (0xFF6A6881)
YUV	107.4480, 10.6251, -1.2699
Hunter-Lab	38.1442, 2.7708, -8.7296

Details

The XYZ color **14.8566, 14.5498, 22.7942** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1019, 21.2124, 16.1850**, and the grayscale version is **14.0727, 14.8056, 16.1232**.

A 20% lighter version of the original color is **34.2654, 34.0892, 49.0299**, and **4.6560, 4.4050, 8.1943** is the 20% darker color. If you saturate the color by 10%, you get **12.3420, 11.4714, 22.3328**, and if you desaturate by 10%, it is **17.7660, 18.1274, 23.3316**.

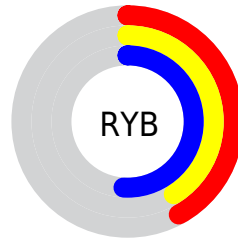
Distribution



Red (42%)

Green (41%)

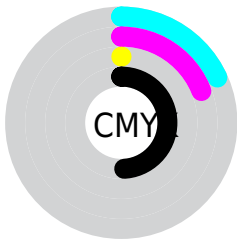
Blue (51%)



Red (42%)

Yellow (41%)

Blue (51%)

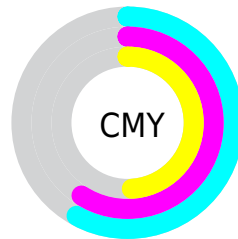


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (58%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8566, 14.5498, 22.7942 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 14.8566, 14.5498, 22.7942 by changing the saturation by 10% instead.

■ 14.8566, 14.5498,
22.7942

■ 14.8566, 14.5498,
22.7942

215.9022,
220.6249, 279.7538

■ 8.8045, 8.5040,
14.2377

■ 34.1751, 34.0614,
48.9741

■ 4.6699, 4.4191,
8.1456

■ 48.1723, 48.2961,
67.4346

■ 2.0877, 1.9107,
4.0991

■ 65.5484, 66.0292,
90.0336

■ 0.6825, 0.5548,
1.6799

■ 86.6690, 87.6451,
117.1895

■ 0.0000, 0.0000,
0.3469

111.8993,
113.5282, 149.3209

■ 0.0000, 0.0000,
0.0000

141.6047,

144.0630, 186.8464

176.1506,
179.6337, 230.1845

■ 14.8566, 14.5498,
22.7942

■ 14.8566, 14.5498,
22.7942

■ 12.3420, 11.4714,
22.3328

■ 17.7660, 18.1274,
23.3316

■ 10.2039, 8.8683,
21.9430

■ 21.0848, 22.2230,
23.9473

■ 8.4246, 6.7172,
21.6216

■ 24.8285, 26.8569,
24.6444

■ 6.9842, 4.9924,
21.3646

■ 29.0114, 32.0476,
25.4258

■ 5.8612, 3.6655,
21.1677

■ 33.6471, 37.8127,
26.2943

■ 5.0313, 2.7044,
21.0259

■ 38.7486, 44.1691,
27.2523

■ 4.4671, 2.0723,
20.9336

■ 44.3286, 51.1330,
28.3024

■ 4.1099, 1.6739,
20.8756

■ 50.3989, 58.7199,
29.4468

■ 4.0916, 1.6515,
20.8722

■ 56.9712, 66.9448,
30.6880

Harmonies

Analogous

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



13.6289, 14.5498, 23.5874



14.8566, 14.5498, 22.7942



15.8596, 14.5498, 20.0367

Triad

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



14.8566, 14.5498, 22.7942



15.2252, 14.5498, 10.9139



11.6057, 14.5498, 15.2730

Complementary

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



14.8566, 14.5498, 22.7942



19.1019, 21.2124, 16.1850

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.



11.9798, 14.5498, 12.2783



14.8566, 14.5498, 22.7942



14.0313, 14.5498, 10.0106

Square

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



14.8566, 14.5498, 22.7942



16.0811, 14.5498, 13.1398



12.8502, 14.5498, 10.4705



11.7979, 14.5498, 18.8919

Rectangle

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



14.8566, 14.5498, 22.7942



16.2410, 14.5498, 17.6451



12.8502, 14.5498, 10.4705



11.6688, 14.5498, 14.1666

Sweetspot

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



14.8571, 14.5504, 22.7945



33.6571, 34.7329, 42.1227



17.3043, 19.7934, 23.6775



7.5510, 7.7789, 9.5218



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.



14.8571, 14.5504, 22.7945



24.6475, 23.6560, 40.4595



16.4071, 15.3495, 22.8671



4.1383, 4.2269, 5.4110



3.9910, 1.6112, 20.3506



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8348, 16.1007, 22.2472



30.9510, 26.9386, 39.2638



17.3977, 20.3339, 16.1053



4.4838, 4.4067, 5.3522



12.0560, 5.8421, 17.4167



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8566, 14.5498, 22.7942 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 14.8566, 14.5498, 22.7942 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 14.8566, 14.5498, 22.7942

Background



This preview shows how black text looks on a background with the XYZ color 14.8566, 14.5498, 22.7942.



This preview shows how white text looks on a background with the XYZ color 14.8566, 14.5498,

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

14.8566, 14.5498, 22.7942

Protanopia

14.4477, 14.4816, 23.1528

Deuteranopia

14.8566, 14.5498, 22.7942



Tritanopia

13.8421, 14.4294, 18.2753

Trichromacy



Original Color

14.8566, 14.5498, 22.7942

Protanomaly

14.6744, 14.5984, 23.1634

Deuteranomaly

14.8566, 14.5498, 22.7942

Tritanomaly

14.1507, 14.4023, 19.8034

Monochromacy



Original Color

14.8566, 14.5498, 22.7942

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3120, 14.6717, 18.2973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8566, 14.5498, 22.7942 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(106, 104, 129) looks like.

```
.text, #text, p{  
    color:rgb(106, 104, 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(106, 104, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 104, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.8566, 14.5498, 22.7942 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(106, 104, 129) }
```


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

```
.border{ border-color:rgb(106, 104, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 104, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 104, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 104, 129);  
box-shadow:4px 4px 4px 4px rgb(106, 104,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8566, 14.5498, 22.7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 104, 129) }
```

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

```
.background{ background-color: rgb(106,  
104, 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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