

Converting Colors

XYZ(14.6198, 14.2741, 23.5160)

Have a look what the booklet for
XYZ(14.6198, 14.2741, 23.5160)
contains.

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Color

**XYZ(14.6559, 14.2822,
23.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	686783
RGB	104, 103, 131
RGB Percent	41%, 40%, 51%
CMY	0.5922, 0.5961, 0.4863
CMYK	0.21, 0.21, 0.00, 0.49
HSL	242°, 12%, 46%
HSV	242°, 21%, 51%
XYZ	14.6559, 14.2822, 23.4570
YIQ	106.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

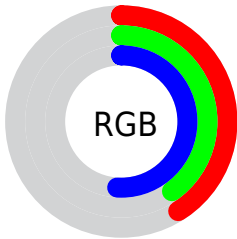
Format	Color
R_{YB}	104, 103, 131
Decimal	6842243
CIE Lab	44.63, 6.76, -15.35
CIE LCh	45, 16.775, 293.771
Yxy	14.2822, 0.2797, 0.2726
Android (android.graphics.Color)	4285032323 (0xFF686783)
YUV	106.4910, 12.0829, -2.1846
Hunter-Lab	37.7918, 3.0878, -10.3465

Details

The XYZ color **14.6559, 14.2822, 23.4570** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.7707, 21.9580, 16.0288**, and the grayscale version is **13.8042, 14.5231, 15.8157**.

A 20% lighter version of the original color is **33.9176, 33.6398, 50.0529**, and **4.5681, 4.2783, 8.5677** is the 20% darker color. If you saturate the color by 10%, you get **12.0956, 11.1775, 22.9929**, and if you desaturate by 10%, it is **17.6410, 17.9097, 24.0001**.

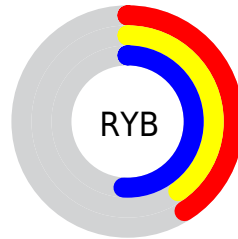
Distribution



Red (41%)

Green (40%)

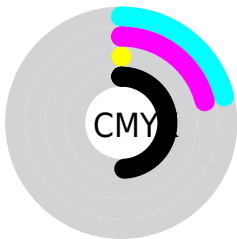
Blue (51%)



Red (41%)

Yellow (40%)

Blue (51%)

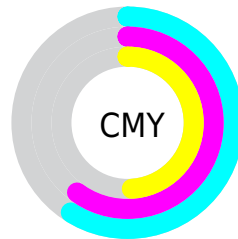


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (49%)



Cyan (59%)

Magenta (60%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6559, 14.2822, 23.4570 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 14.6559, 14.2822, 23.4570 by changing the saturation by 10% instead.

■ 14.6559, 14.2822,
23.4570

■ 14.6559, 14.2822,
23.4570

214.7038,
218.9794, 283.2612

■ 8.6630, 8.3172,
14.7229

■ 33.8250, 33.5889,
50.0753

■ 4.5774, 4.2986,
8.4807

■ 47.7319, 47.6994,
68.7965

■ 2.0337, 1.8419,
4.3119

■ 65.0076, 65.2939,
91.6839

■ 0.6528, 0.5131,
1.7979

■ 86.0173, 86.7567,
119.1559

■ 0.0000, 0.0000,
0.4266

111.1264,
112.4723, 151.6311

■ 0.0000, 0.0000,
0.0000

140.7003,

142.8250, 189.5280

175.1043,
178.1992, 233.2652

■ 14.6559, 14.2822,
23.4570

■ 14.6559, 14.2822,
23.4570

■ 12.0956, 11.1775,
22.9929

■ 17.6410, 17.9097,
24.0001

■ 9.9394, 8.5698,
22.6032

■ 21.0675, 22.0806,
24.6245

■ 8.1672, 6.4339,
22.2843

■ 24.9528, 26.8166,
25.3339

■ 6.7564, 4.7415,
22.0320

■ 29.3129, 32.1378,
26.1312

■ 5.6821, 3.4614,
21.8416

■ 34.1632, 38.0631,
27.0193

■ 4.9163, 2.5585,
21.7077

■ 39.5183, 44.6108,
28.0009

■ 4.4264, 1.9915,
21.6240

■ 45.3921, 51.7982,
29.0786

■ 4.1553, 1.6689,
21.5761

■ 51.7981, 59.6420,
30.2549

■ 58.7492, 68.1583,
31.5324

Harmonies

Analogous

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



13.2932, 14.2822, 24.2428



14.6559, 14.2822, 23.4570



15.7944, 14.2822, 20.4080

Triad

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



14.6559, 14.2822, 23.4570



15.1790, 14.2822, 10.2602



11.1386, 14.2822, 14.7527

Complementary

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



14.6559, 14.2822, 23.4570



19.7707, 21.9580, 16.0288

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.



11.5736, 14.2822, 11.5329



14.6559, 14.2822, 23.4570



13.8604, 14.2822, 9.2331

Square

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



14.6559, 14.2822, 23.4570



16.1102, 14.2822, 12.7244



12.5482, 14.2822, 9.6568



11.3204, 14.2822, 18.7677

Rectangle

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



14.6559, 14.2822, 23.4570



16.2424, 14.2822, 17.7383



12.5482, 14.2822, 9.6568



11.2166, 14.2822, 13.5512

Sweetspot

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



14.6564, 14.2828, 23.4573



34.7022, 35.8578, 43.5454



17.6821, 20.5056, 24.4990



8.0034, 8.2560, 10.1244



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.6564, 14.2828, 23.4573



23.7566, 22.5566, 41.5549



16.4096, 15.1866, 23.5394



4.4487, 4.5519, 5.8449



4.0907, 1.6430, 21.2382



0.0151, 0.0062, 0.0736

Inverse Universe

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



18.2400, 16.1380, 23.2730



31.4640, 26.5473, 41.1320



17.7762, 20.9297, 15.9355



4.8509, 4.7600, 5.8272



12.9413, 6.2409, 20.0611



0.0454, 0.0218, 0.0724

Previews

White Background



This preview shows how the XYZ color 14.6559, 14.2822, 23.4570 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 14.6559, 14.2822, 23.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

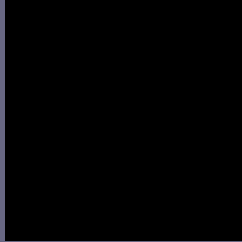
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6559, 14.2822, 23.4570

Background



This preview shows how black text looks on a background with the XYZ color 14.6559, 14.2822, 23.4570.



This preview shows how white text looks on a background with the XYZ color 14.6559, 14.2822,

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

14.6559, 14.2822, 23.4570

Protanopia

14.2608, 14.2192, 23.8228

Deuteranopia

14.5405, 14.2228, 23.4516



Tritanopia

13.5581, 14.2897, 17.9632

Trichromacy



Original Color

14.6559, 14.2822, 23.4570

Protanomaly

14.4820, 14.3333, 23.8331

Deuteranomaly

14.5405, 14.2228, 23.4516

Tritanomaly

13.9212, 14.2840, 19.7927

Monochromacy



Original Color

14.6559, 14.2822, 23.4570

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9718, 14.3442, 18.2520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6559, 14.2822, 23.4570 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(104, 103, 131)` looks like.

```
.text, #text, p{  
    color:rgb(104, 103, 131)  
}
```

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(104, 103, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 103, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.6559, 14.2822, 23.4570 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(104, 103, 131) }
```


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

```
.border{ border-color:rgb(104, 103, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 103, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 103, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 103, 131);  
box-shadow:4px 4px 4px 4px rgb(104, 103,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6559, 14.2822, 23.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 103, 131) }
```

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

```
.background{ background-color: rgb(104,  
103, 131) }
```

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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