

Converting Colors

XYZ(14.7018, 13.0857, 23.6137)

Have a look what the booklet for
XYZ(14.7018, 13.0857, 23.6137)
contains.

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Color

**XYZ(14.7231, 13.0509,
23.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5E84
RGB	111, 94, 132
RGB Percent	44%, 37%, 52%
CMY	0.5647, 0.6314, 0.4824
CMYK	0.16, 0.29, 0.00, 0.48
HSL	267°, 17%, 44%
HSV	267°, 29%, 52%
XYZ	14.7231, 13.0509, 23.5729
YIQ	103.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

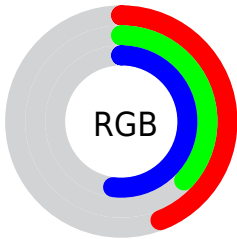
Format	Color
R_{YB}	111, 94, 132
Decimal	7298692
CIE _{Lab}	42.84, 14.91, -18.64
CIE _{LCh}	43, 23.872, 308.647
Yxy	13.0509, 0.2867, 0.2542
Android (android.graphics.Color)	4285488772 (0xFF6F5E84)
YUV	103.4150, 14.0924, 6.6520
Hunter-Lab	36.1260, 9.5268, -13.3996




Details

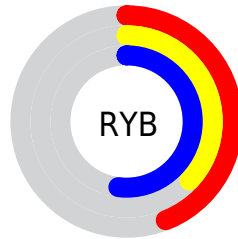
The XYZ color **14.7231, 13.0509, 23.5729** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.3424, 20.9559, 13.7212**, and the grayscale version is **12.9666, 13.6419, 14.8560**.




A 20% lighter version of the original color is **33.8345, 31.2358, 50.1448**, and **4.6298, 3.7799, 8.4682** is the 20% darker color. If you saturate the color by 10%, you get **12.7675, 10.4470, 23.1736**, and if you desaturate by 10%, it is **16.9553, 16.0960, 24.0432**.

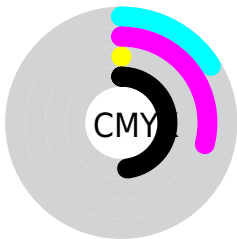
Distribution







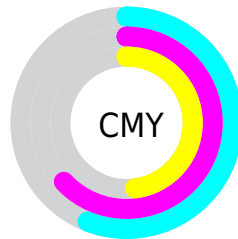
-  Red (44%)
-  Green (37%)
-  Blue (52%)






-  Red (44%)
-  Yellow (37%)
-  Blue (52%)



-  Cyan (16%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (56%)
-  Magenta (63%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7231, 13.0509, 23.5729 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 14.7231, 13.0509, 23.5729 by changing the saturation by 10% instead.

■ 14.7231, 13.0509,
23.5729

■ 14.7231, 13.0509,
23.5729

215.1058,
211.2436, 283.8707

■ 8.7103, 7.4636,
14.8078

■ 33.9423, 31.3952,
50.2674

■ 4.6083, 3.7537,
8.5395

■ 47.8795, 44.9210,
69.0339

■ 2.0517, 1.5368,
4.3494

■ 65.1889, 61.8617,
91.9713

■ 0.6628, 0.3144,
1.8189

■ 86.2358, 82.6018,
119.4982

■ 0.0000, 0.0000,
0.4404

111.3856,
107.5257, 152.0330

■ 0.0000, 0.0000,
0.0000

141.0036,

137.0177, 189.9943

175.4552,
171.4622, 233.8007

■ 14.7231, 13.0509,
23.5729

■ 14.7231, 13.0509,
23.5729

■ 12.7675, 10.4470,
23.1736

■ 16.9553, 16.0960,
24.0432

■ 11.0753, 8.2614,
22.8409

■ 19.4739, 19.6006,
24.5869

■ 9.6338, 6.4715,
22.5714

■ 22.2901, 23.5839,
25.2074

■ 8.4290, 5.0517,
22.3608

■ 25.4138, 28.0634,
25.9074

■ 7.4449, 3.9734,
22.2046

■ 28.8545, 33.0558,
26.6896

6.6635, 3.2035,
22.0972

32.6212, 38.5771,
27.5568

6.0419, 2.6594,
22.0249

36.7227, 44.6423,
28.5114

5.9715, 2.5973,
22.0166

41.1673, 51.2661,
29.5556

45.9631, 58.4624,
30.6919

Harmonies

Analogous

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



12.9386, 13.0509, 26.6137



14.7231, 13.0509, 23.5729



15.9611, 13.0509, 18.1847

Triad

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



14.7231, 13.0509, 23.5729



13.7241, 13.0509, 6.7654



9.2539, 13.0509, 15.7724

Complementary

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



14.7231, 13.0509, 23.5729



17.3424, 20.9559, 13.7212

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.



9.4199, 13.0509, 10.8617



14.7231, 13.0509, 23.5729



11.8853, 13.0509, 6.4210

Square

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



14.7231, 13.0509, 23.5729



15.3461, 13.0509, 8.8209



10.3431, 13.0509, 7.7272



9.8650, 13.0509, 21.4408

Rectangle

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



14.7231, 13.0509, 23.5729



16.2460, 13.0509, 14.4484



10.3431, 13.0509, 7.7272



9.2219, 13.0509, 13.9747

Sweetspot

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



14.7235, 13.0514, 23.5732



34.1086, 34.2535, 43.2670



14.9732, 16.4296, 24.2121



7.8036, 7.7822, 10.0435



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.



14.7235, 13.0514, 23.5732



23.4752, 19.7014, 41.0186



17.2923, 14.3757, 23.6934



4.6176, 4.6390, 5.8528



5.7879, 2.5179, 21.3176



0.0282, 0.0129, 0.0742

Inverse Universe

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



16.6134, 14.1494, 18.0759



27.4938, 22.0381, 29.2303



15.1523, 19.8269, 13.6187



4.7722, 4.7286, 5.4129



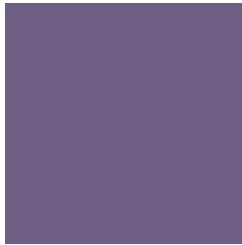
10.3791, 5.2160, 6.5689



0.0396, 0.0195, 0.0422

Previews

White Background



This preview shows how the XYZ color 14.7231, 13.0509, 23.5729 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 14.7231, 13.0509, 23.5729 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 14.7231, 13.0509, 23.5729

Background



This preview shows how black text looks on a background with the XYZ color 14.7231, 13.0509, 23.5729.



This preview shows how white text looks on a background with the XYZ color 14.7231, 13.0509,

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

14.7231, 13.0509, 23.5729

Protanopia

13.3155, 13.1161, 25.1224

Deuteranopia

13.2779, 12.9953, 23.2812



Tritanopia

13.1791, 13.1110, 15.7460

Trichromacy



Original Color

14.7231, 13.0509, 23.5729

Protanomaly

13.7779, 13.0813, 24.7204

Deuteranomaly

13.7383, 12.9548, 23.2492

Tritanomaly

13.6114, 12.9985, 18.3146

Monochromacy



Original Color

14.7231, 13.0509, 23.5729

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5383, 13.3934, 17.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7231, 13.0509, 23.5729 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(111, 94, 132)` looks like.

```
.text, #text, p{  
    color:rgb(111, 94, 132)  
}
```

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(111, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.7231, 13.0509, 23.5729 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(111, 94, 132) }
```


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

```
.border{ border-color:rgb(111, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 94, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 94, 132); box-shadow:4px 4px 4px 4px rgb(111, 94, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7231, 13.0509, 23.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 132) }
```

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

```
.background{ background-color: rgb(111, 94,  
132) }
```

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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