

Converting Colors

XYZ(14.2077, 13.0856, 23.9506)

Have a look what the booklet for
XYZ(14.2077, 13.0856, 23.9506)
contains.

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Color

**XYZ(14.2422, 13.0625,
23.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	696085
RGB	105, 96, 133
RGB Percent	41%, 38%, 52%
CMY	0.5882, 0.6235, 0.4784
CMYK	0.21, 0.28, 0.00, 0.48
HSL	255°, 16%, 45%
HSV	255°, 28%, 52%
XYZ	14.2422, 13.0625, 23.9610
YIQ	102.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

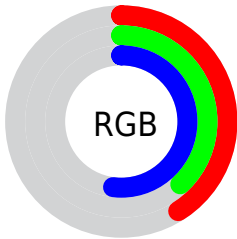
Format	Color
R_{YB}	105, 96, 133
Decimal	6905989
CIE _{Lab}	42.86, 11.88, -19.27
CIE _{LCh}	43, 22.636, 301.649
Yxy	13.0625, 0.2778, 0.2548
Android (android.graphics.Color)	4285096069 (0xFF696085)
YUV	102.9090, 14.8349, 1.8338
Hunter-Lab	36.1421, 7.0913, -14.0078

Details

The XYZ color **14.2422, 13.0625, 23.9610** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.8116, 21.9051, 14.3036**, and the grayscale version is **12.8317, 13.5000, 14.7015**.

A 20% lighter version of the original color is **33.2013, 31.5807, 50.8002**, and **4.3893, 3.7756, 8.6810** is the 20% darker color. If you saturate the color by 10%, you get **12.0169, 10.2640, 23.5383**, and if you desaturate by 10%, it is **16.8136, 16.3448, 24.4592**.

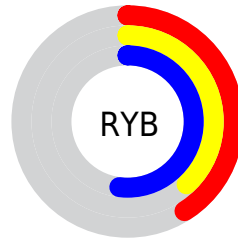
Distribution



Red (41%)

Green (38%)

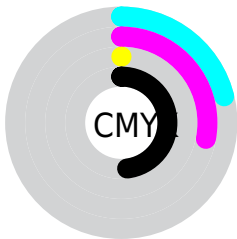
Blue (52%)



Red (41%)

Yellow (38%)

Blue (52%)

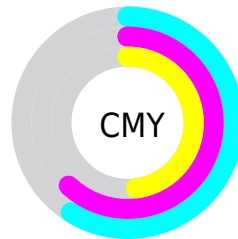


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2422, 13.0625, 23.9610 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 14.2422, 13.0625, 23.9610 by changing the saturation by 10% instead.

■ 14.2422, 13.0625,
23.9610

■ 14.2422, 13.0625,
23.9610

212.2130,
211.3178, 285.9035

■ 8.3721, 7.4716,
15.0928

■ 33.1008, 31.4160,
50.9096

■ 4.3878, 3.7587,
8.7372

■ 46.8201, 44.9474,
69.8270

■ 1.9238, 1.5395,
4.4757

■ 63.8866, 61.8945,
92.9312

■ 0.5906, 0.3163,
1.8898

■ 84.6655, 82.6415,
120.6408

■ 0.0000, 0.0000,
0.4862

109.5222,
107.5730, 153.3743

■ 0.0000, 0.0000,
0.0000

138.8221,

137.0733, 191.5502

172.9306,
171.5268, 235.5871

■ 14.2422, 13.0625,
23.9610

■ 14.2422, 13.0625,
23.9610

■ 12.0169, 10.2640,
23.5383

■ 16.8136, 16.3448,
24.4592

■ 10.1212, 7.9247,
23.1867

■ 19.7442, 20.1309,
25.0356

■ 8.5393, 6.0198,
22.9024

■ 23.0476, 24.4417,
25.6935

■ 7.2532, 4.5219,
22.6811

■ 26.7366, 29.2962,
26.4361

■ 6.2432, 3.4001,
22.5178

■ 30.8233, 34.7127,
27.2662

■ 5.4871, 2.6191,
22.4069

■ 35.3194, 40.7085,
28.1865

■ 4.9429, 2.1059,
22.3365

■ 40.2357, 47.3001,
29.1997

■ 4.8402, 2.0061,
22.3227

■ 45.5831, 54.5035,
30.3083

■ 51.3717, 62.3340,
31.5146

Harmonies

Analogous

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



12.5114, 13.0625, 26.0156



14.2422, 13.0625, 23.9610



15.5759, 13.0625, 19.2382

Triad

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



14.2422, 13.0625, 23.9610



14.0615, 13.0625, 7.3834



9.3810, 13.0625, 14.4984

Complementary

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



14.2422, 13.0625, 23.9610



18.8116, 21.9051, 14.3036

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.



9.7145, 13.0625, 10.1650



14.2422, 13.0625, 23.9610



12.3201, 13.0625, 6.6727

Square

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



14.2422, 13.0625, 23.9610



15.4649, 13.0625, 9.7905



10.7521, 13.0625, 7.5617



9.7959, 13.0625, 19.8242

Rectangle

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



14.2422, 13.0625, 23.9610



16.0024, 13.0625, 15.6505



10.7521, 13.0625, 7.5617



9.4092, 13.0625, 12.8848

Sweetspot

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



14.2426, 13.0630, 23.9613



35.1549, 35.7871, 44.7931



16.3117, 18.6881, 24.9380



7.7546, 7.8478, 10.0588



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.



14.2426, 13.0630, 23.9613



23.0681, 20.3179, 42.4443



16.6044, 14.2806, 24.0718



4.5328, 4.5952, 5.8488



4.6169, 1.9142, 21.2628



0.0217, 0.0096, 0.0739

Inverse Universe

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



17.4943, 14.8081, 21.0057



29.8881, 23.9818, 36.0747



16.4273, 20.6760, 14.1920



4.8108, 4.7440, 5.6158



11.4381, 5.6396, 12.1452



0.0425, 0.0207, 0.0572

Previews

White Background



This preview shows how the XYZ color 14.2422, 13.0625, 23.9610 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 14.2422, 13.0625, 23.9610 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 14.2422, 13.0625, 23.9610

Background



This preview shows how black text looks on a background with the XYZ color 14.2422, 13.0625, 23.9610.



This preview shows how white text looks on a background with the XYZ color 14.2422, 13.0625,

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

14.2422, 13.0625, 23.9610

Protanopia

13.3155, 13.1161, 25.1224

Deuteranopia

13.3381, 13.1600, 23.6669



Tritanopia

12.7808, 13.1782, 16.3380

Trichromacy



Original Color

14.2422, 13.0625, 23.9610

Protanomaly

13.6589, 13.1597, 24.7419

Deuteranomaly

13.6637, 13.1863, 23.6548

Tritanomaly

13.2113, 13.0565, 18.9634

Monochromacy



Original Color

14.2422, 13.0625, 23.9610

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.3034, 13.2723, 17.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2422, 13.0625, 23.9610 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(105, 96, 133)` looks like.

```
.text, #text, p{  
    color:rgb(105, 96, 133)  
}
```

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(105, 96, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 96, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.2422, 13.0625, 23.9610 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(105, 96, 133) }
```


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

```
.border{ border-color:rgb(105, 96, 133) }
```

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

Here you see how a box with a 4 pixel rgb(105, 96, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 96, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 96, 133);  
box-shadow:4px 4px 4px 4px rgb(105, 96,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2422, 13.0625, 23.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 96, 133) }
```

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

```
.background{ background-color: rgb(105, 96,  
133) }
```

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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