

Converting Colors

XYZ(23.0684, 25.6559, 40.5352)

Have a look what the booklet for
XYZ(23.0684, 25.6559, 40.5352)
contains.

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Color

**XYZ(22.9819, 25.6231,
40.2937)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8FA7
RGB	108, 143, 167
RGB Percent	42%, 56%, 65%
CMY	0.5765, 0.4392, 0.3451
CMYK	0.35, 0.14, 0.00, 0.35
HSL	204°, 25%, 54%
HSV	204°, 35%, 65%
XYZ	22.9819, 25.6231, 40.2937
YIQ	135.2710, -28.5640, 0.0440

Conversions

Conversions Part 2

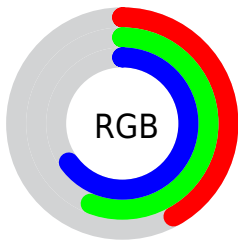
Format	Color
RYB	108, 130, 167
Decimal	7114663
CIELab	57.68, -6.08, -16.56
CIElCh	58, 17.640, 249.839
Yxy	25.6231, 0.2585, 0.2882
Android (android.graphics.Color)	4285304743 (0xFF6C8FA7)
YUV	135.2710, 15.6424, -23.9167
Hunter-Lab	50.6193, -7.5421, -11.7623

Details

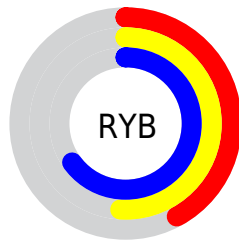
The XYZ color **22.9819, 25.6231, 40.2937** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8949, 25.8013, 17.7508**, and the grayscale version is **23.0817, 24.2838, 26.4450**.

A 20% lighter version of the original color is **47.8490, 52.7835, 76.7736**, and **8.6962, 9.9364, 17.6792** is the 20% darker color. If you saturate the color by 10%, you get **20.1532, 22.6971, 39.8785**, and if you desaturate by 10%, it is **26.2631, 28.8752, 40.7489**.

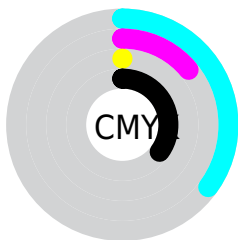
Distribution



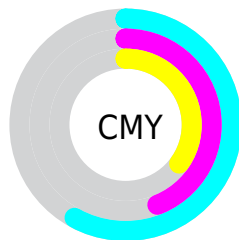
- Red (42%)
- Green (56%)
- Blue (65%)



- Red (42%)
- Yellow (51%)
- Blue (65%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9819, 25.6231, 40.2937 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 22.9819, 25.6231, 40.2937 by changing the saturation by 10% instead.

■ 22.9819, 25.6231,
40.2937

■ 22.9819, 25.6231,
40.2937

260.1691,
280.9270, 362.9488

■ 14.7008, 16.5419,
27.4521

■ 47.8305, 52.6663,
76.8525

■ 8.6946, 9.9084,
17.6776

■ 65.1286, 71.3971,
101.4068

■ 4.5980, 5.3383,
10.5517

■ 86.1632, 94.1131,
130.7024

■ 2.0457, 2.4471,
5.6559

■ 111.2995,
121.1989, 165.1578

■ 0.6594, 0.8500,
2.5716

140.9028,
153.0388, 205.1916

■ 0.0000, 0.0000,
0.8778

175.3387,

■ 0.0000, 0.0000,

190.0172, 251.2224

0.0000

214.9723,
232.5184, 303.6686

■ 22.9819, 25.6231,
40.2937

■ 22.9819, 25.6231,
40.2937

■ 20.1532, 22.6971,
39.8785

■ 26.2631, 28.8752,
40.7489

■ 17.7511, 20.0804,
39.5000

■ 30.0158, 32.4632,
41.2437

■ 15.7508, 17.7594,
39.1574

■ 34.2611, 36.3998,
41.7798

■ 14.1236, 15.7174,
38.8490

■ 39.0177, 40.6963,
42.3584

■ 12.8365, 13.9358,
38.5730

■ 44.3036, 45.3634,
42.9806

■ 11.8482, 12.3913,
38.3270

■ 50.1357, 50.4111,
43.6476

■ 11.4437, 11.7271,
38.2201

■ 56.5301, 55.8494,
44.3602

■ 63.5023, 61.6874,
45.1196

■ 69.8412, 67.3023,
45.8693

Harmonies

Analogous

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



21.3689, 25.6231, 36.0271



22.9819, 25.6231, 40.2937



25.0541, 25.6231, 40.9891

Triad

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



22.9819, 25.6231, 40.2937



28.5754, 25.6231, 25.9598



21.8455, 25.6231, 19.8926

Complementary

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



22.9819, 25.6231, 40.2937



26.8949, 25.8013, 17.7508

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.



23.6670, 25.6231, 17.9430



22.9819, 25.6231, 40.2937



27.6049, 25.6231, 21.0961

Square

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



22.9819, 25.6231, 40.2937



28.3657, 25.6231, 32.0997



25.7796, 25.6231, 18.3492



20.7396, 25.6231, 24.0821

Rectangle

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



22.9819, 25.6231, 40.2937



26.4296, 25.6231, 39.2440



25.7796, 25.6231, 18.3492



22.3900, 25.6231, 18.9831

Sweetspot

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



22.9827, 25.6241, 40.2943



56.7860, 60.9728, 74.2513



24.1413, 32.4812, 26.6845



12.4914, 13.4431, 16.5886



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.9827, 25.6241, 40.2943



37.3189, 41.9404, 71.6037



19.1662, 17.9911, 39.0221



7.4878, 8.0125, 9.5703



8.8058, 9.0717, 29.2624



0.2626, 0.3174, 0.7281

Inverse Universe

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



26.2576, 20.9246, 28.6426



44.1752, 32.8462, 47.0423



31.4060, 34.8235, 19.2545



7.7108, 7.6142, 8.7943



13.9453, 6.9868, 9.7896



0.3637, 0.1797, 0.3666

Previews

White Background



This preview shows how the XYZ color 22.9819, 25.6231, 40.2937 looks on a white 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

Black Background



This preview shows how the XYZ color 22.9819, 25.6231, 40.2937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

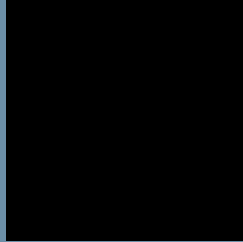
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

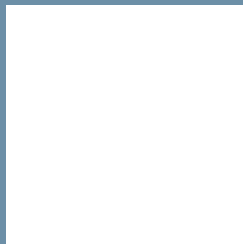
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9819, 25.6231, 40.2937

Background



This preview shows how black text looks on a background with the XYZ color 22.9819, 25.6231, 40.2937.



This preview shows how white text looks on a background with the XYZ color 22.9819, 25.6231,

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

22.9819, 25.6231, 40.2937

Protanopia

25.2294, 25.5222, 38.2469

Deuteranopia

25.9787, 25.4268, 41.0747



Tritanopia

21.9518, 25.6544, 35.2473

Trichromacy



Original Color

22.9819, 25.6231, 40.2937

Protanomaly

24.2456, 25.4307, 38.7527

Deuteranomaly

24.7605, 25.4397, 40.6511

Tritanomaly

22.2623, 25.5488, 37.0158

Monochromacy



Original Color

22.9819, 25.6231, 40.2937

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8124, 24.6435, 31.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9819, 25.6231, 40.2937 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(108, 143, 167)` looks like.

```
.text, #text, p{  
    color:rgb(108, 143, 167)  
}
```

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(108, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 143, 167) }
```

Border

The CSS property to change the border of an element to XYZ 22.9819, 25.6231, 40.2937 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(108, 143, 167) }
```


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

```
.border{ border-color:rgb(108, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(108, 143,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9819, 25.6231, 40.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 143, 167) }
```

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

```
.background{ background-color: rgb(108,  
143, 167) }
```

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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