

Converting Colors

XYZ(25.7461, 23.3940, 37.5379)

Have a look what the booklet for
XYZ(25.7461, 23.3940, 37.5379)
contains.

XYZ(25.7093, 23.3869, 37.3415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7093, 23.3869,
37.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	927DA2
RGB	146, 125, 162
RGB Percent	57%, 49%, 64%
CMY	0.4274, 0.5098, 0.3647
CMYK	0.10, 0.23, 0.00, 0.36
HSL	274°, 17%, 56%
HSV	274°, 23%, 64%
XYZ	25.7093, 23.3869, 37.3415
YIQ	135.4970, 0.6390, 15.9590

Conversions

Conversions Part 2

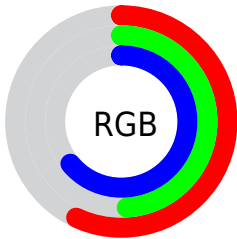
Format	Color
R_{YB}	146, 125, 162
Decimal	9600418
CIE _{Lab}	55.47, 15.31, -16.77
CIE _{LCh}	55, 22.706, 312.385
Yxy	23.3869, 0.2974, 0.2706
Android (android.graphics.Color)	4287790498 (0xFF927DA2)
YUV	135.4970, 13.0660, 9.2111
Hunter-Lab	48.3600, 10.2647, -11.9292

Details

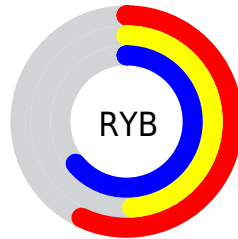
The XYZ color **25.7093, 23.3869, 37.3415** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.6073, 32.9846, 24.3148**, and the grayscale version is **23.1672, 24.3737, 26.5430**.

A 20% lighter version of the original color is **52.2642, 49.1299, 72.3740**, and **10.1182, 8.7276, 15.9032** is the 20% darker color. If you saturate the color by 10%, you get **22.6161, 18.9926, 36.6567**, and if you desaturate by 10%, it is **29.2148, 28.4915, 38.1424**.

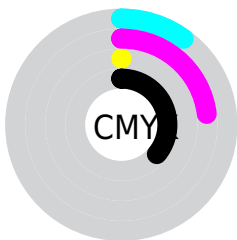
Distribution



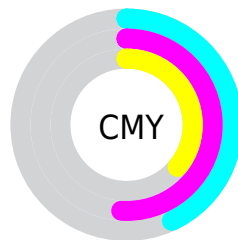
- Red (57%)
- Green (49%)
- Blue (64%)



- Red (57%)
- Yellow (49%)
- Blue (64%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7093, 23.3869, 37.3415 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 25.7093, 23.3869, 37.3415 by changing the saturation by 10% instead.

■ 25.7093, 23.3869,
37.3415

■ 25.7093, 23.3869,
37.3415

273.6351,
269.7060, 349.9998

■ 16.7378, 14.8795,
25.1742

■ 52.2403, 49.0278,
72.2899

■ 10.1419, 8.7348,
15.9867

■ 70.5304, 66.9301,
95.9080

■ 5.5561, 4.5686,
9.3605

■ 92.6576, 88.7328,
124.1801

■ 2.6152, 1.9965,
4.8770

118.9871,
114.8203, 157.5248

■ 0.9537, 0.6054,
2.1178

149.8842,
145.5769, 196.3606

■ 0.0000, 0.0000,
0.6263

185.7143,

■ 0.0000, 0.0000,

181.3872, 241.1060

0.0000

226.8428,
222.6354, 292.1795

■ 25.7093, 23.3869,
37.3415

■ 25.7093, 23.3869,
37.3415

■ 22.6161, 18.9926,
36.6567

■ 29.2148, 28.4915,
38.1424

■ 19.9155, 15.2726,
36.0810

■ 33.1468, 34.3343,
39.0629

■ 17.5892, 12.1921,
35.6090

■ 37.5215, 40.9453,
40.1084

■ 15.6166, 9.7118,
35.2342

■ 42.3535, 48.3520,
41.2834

■ 13.9747, 7.7880,
34.9495

■ 47.6568, 56.5804,
42.5921

■ 12.6374, 6.3710,
34.7464

■ 53.4448, 65.6554,
44.0387

■ 11.5741, 5.4014,
34.6153

■ 59.7301, 75.6007,
45.6271

■ 10.9298, 4.8811,
34.5489

■ 66.5251, 86.4393,
47.3610

■ 68.5908, 87.6915,
47.4938

Harmonies

Analogous

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



23.2995, 23.3869, 41.8368



25.7093, 23.3869, 37.3415



27.2501, 23.3869, 29.9664

Triad

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



25.7093, 23.3869, 37.3415



23.7495, 23.3869, 14.2659



17.7650, 23.3869, 28.6044

Complementary

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



25.7093, 23.3869, 37.3415



27.6073, 32.9846, 24.3148

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.



17.8652, 23.3869, 21.4375



25.7093, 23.3869, 37.3415



21.1909, 23.3869, 14.0412

Square

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



25.7093, 23.3869, 37.3415



26.0604, 23.3869, 17.1050



19.0771, 23.3869, 16.4176



18.7920, 23.3869, 36.1812

Rectangle

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



25.7093, 23.3869, 37.3415



27.5101, 23.3869, 24.8831



19.0771, 23.3869, 16.4176



17.6703, 23.3869, 26.0546

Sweetspot

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



25.7100, 23.3879, 37.3420



57.0122, 57.6069, 70.1705



24.5097, 26.0291, 37.9151



12.7157, 12.8059, 15.7391



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.7100, 23.3879, 37.3420



43.9569, 38.5709, 67.1843



28.5390, 24.8713, 36.3410



7.0671, 7.0490, 8.8912



8.6607, 3.8712, 27.2205



0.2348, 0.1086, 0.5744

Inverse Universe

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



27.0424, 24.2727, 28.4601



46.8482, 40.4866, 48.1083



25.2399, 31.7457, 25.0369



7.1950, 7.1345, 8.0133



12.6320, 6.4089, 5.2527



0.2889, 0.1441, 0.2342

Previews

White Background



This preview shows how the XYZ color 25.7093, 23.3869, 37.3415 looks on a white background.

Color Contrast Check

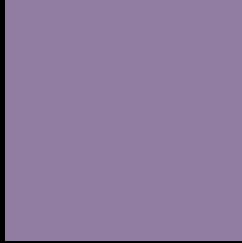
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7093, 23.3869, 37.3415 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 25.7093, 23.3869, 37.3415

Background



This preview shows how black text looks on a background with the XYZ color 25.7093, 23.3869, 37.3415.



This preview shows how white text looks on a background with the XYZ color 25.7093, 23.3869,

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

25.7093, 23.3869, 37.3415

Protanopia

23.5385, 23.5776, 39.8695

Deuteranopia

23.9314, 23.4440, 36.9820



Tritanopia

23.6658, 23.3154, 27.6791

Trichromacy



Original Color

25.7093, 23.3869, 37.3415

Protanomaly

24.1575, 23.3227, 38.8258

Deuteranomaly

24.4687, 23.3299, 36.9317

Tritanomaly

24.3133, 23.3846, 30.8360

Monochromacy



Original Color

25.7093, 23.3869, 37.3415

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8746, 23.7659, 30.1170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7093, 23.3869, 37.3415 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(146, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 125, 162)  
}
```

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(146, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 125, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.7093, 23.3869, 37.3415 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(146, 125, 162) }
```


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

```
.border{ border-color:rgb(146, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 125,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7093, 23.3869, 37.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 125, 162) }
```

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

```
.background{ background-color: rgb(146,  
125, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor