

Converting Colors

XYZ(25.9061, 23.7941, 40.7634)

Have a look what the booklet for
XYZ(25.9061, 23.7941, 40.7634)
contains.

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Color

**XYZ(25.9061, 23.7941,
40.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7FA9
RGB	142, 127, 169
RGB Percent	56%, 50%, 66%
CMY	0.4431, 0.5019, 0.3373
CMYK	0.16, 0.25, 0.00, 0.34
HSL	261°, 20%, 58%
HSV	261°, 25%, 66%
XYZ	25.9061, 23.7941, 40.7634
YIQ	136.2730, -4.5420, 16.2420

Conversions

Conversions Part 2

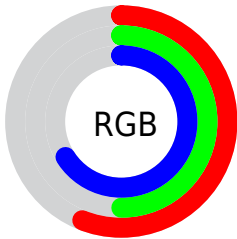
Format	Color
R_{YB}	142, 127, 169
Decimal	9338793
CIE _{Lab}	55.88, 14.35, -20.21
CIE _{LCh}	56, 24.789, 305.376
Yxy	23.7941, 0.2864, 0.2630
Android (android.graphics.Color)	4287528873 (0xFF8E7FA9)
YUV	136.2730, 16.1344, 5.0226
Hunter-Lab	48.7792, 9.4358, -15.4015

Details

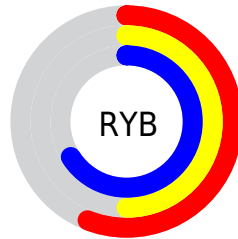
The XYZ color **25.9061, 23.7941, 40.7634** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.3460, 36.7788, 25.5267**, and the grayscale version is **23.4473, 24.6684, 26.8639**.

A 20% lighter version of the original color is **52.5408, 49.7601, 77.3565**, and **10.2497, 8.9573, 18.0183** is the 20% darker color. If you saturate the color by 10%, you get **22.1298, 18.8750, 40.0133**, and if you desaturate by 10%, it is **30.2317, 29.5411, 41.6451**.

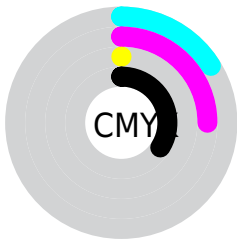
Distribution



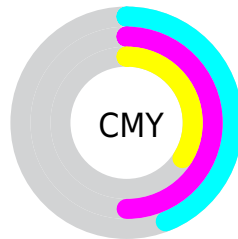
- Red (56%)
- Green (50%)
- Blue (66%)



- Red (56%)
- Yellow (50%)
- Blue (66%)



- Cyan (16%)
- Magenta (25%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9061, 23.7941, 40.7634 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 25.9061, 23.7941, 40.7634 by changing the saturation by 10% instead.

■ 25.9061, 23.7941,
40.7634

■ 25.9061, 23.7941,
40.7634

274.5860,
271.7779, 364.9781

■ 16.8857, 15.1810,
27.8160

■ 52.5558, 49.6940,
77.5744

■ 10.2478, 8.9465,
17.9491

■ 70.9158, 67.7495,
102.2750

■ 5.6271, 4.7063,
10.7444

■ 93.1198, 89.7213,
131.7303

■ 2.6582, 2.0760,
5.7832

119.5330,
115.9938, 166.3591

■ 0.9757, 0.6511,
2.6471

150.5209,
146.9512, 206.5797

■ 0.0000, 0.0000,
0.9166

186.4488,

■ 0.0000, 0.0000,

182.9781, 252.8107

0.0000

227.6820,
224.4589, 305.4706

■ 25.9061, 23.7941,
40.7634

■ 25.9061, 23.7941,
40.7634

■ 22.1298, 18.8750,
40.0133

■ 30.2317, 29.5411,
41.6451

■ 18.8772, 14.7416,
39.3869

■ 35.1264, 36.1496,
42.6627

■ 16.1238, 11.3524,
38.8779

■ 40.6115, 43.6547,
43.8222

■ 13.8420, 8.6611,
38.4787

■ 46.7067, 52.0890,
45.1289

■ 12.0015, 6.6155,
38.1808

■ 53.4306, 61.4831,
46.5878

■ 10.5677, 5.1559,
37.9747

■ 60.8012, 71.8665,
48.2035

■ 9.4993, 4.2100,
37.8484

■ 68.8355, 83.2671,
49.9806

■ 9.0464, 3.8363,
37.8001

■ 75.2087, 91.0293,
51.1429

■ 78.7832, 92.8720,
51.3102

Harmonies

Analogous

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



23.1280, 23.7941, 44.6726



25.9061, 23.7941, 40.7634



27.9179, 23.7941, 32.9400

Triad

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



25.9061, 23.7941, 40.7634



24.9536, 23.7941, 14.1891



17.6302, 23.7941, 27.3919

Complementary

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



25.9061, 23.7941, 40.7634



31.3460, 36.7788, 25.5267

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.



18.0311, 23.7941, 19.9551



25.9061, 23.7941, 40.7634



22.1108, 23.7941, 13.3075

Square

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



25.9061, 23.7941, 40.7634



27.3367, 23.7941, 17.9093



19.6162, 23.7941, 15.1867



18.4720, 23.7941, 35.9907

Rectangle

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



25.9061, 23.7941, 40.7634



28.4692, 23.7941, 27.1812



19.6162, 23.7941, 15.1867



17.6249, 23.7941, 24.6746

Sweetspot

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



25.9069, 23.7951, 40.7639



60.8231, 61.9101, 75.9692



27.5198, 30.5878, 41.9900



13.1475, 13.3456, 16.5351



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.



25.9069, 23.7951, 40.7639



42.4332, 37.4278, 72.2129



29.7944, 25.7992, 40.9459



7.3752, 7.4260, 9.4630



6.7961, 2.8869, 28.1745



0.2211, 0.0990, 0.6881

Inverse Universe

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



29.7851, 25.9478, 34.0115



50.7203, 42.0331, 57.5481



27.7398, 34.9198, 25.3579



7.7265, 7.6204, 8.8767



14.2639, 7.1143, 11.4673



0.3701, 0.1823, 0.4003

Previews

White Background



This preview shows how the XYZ color 25.9061, 23.7941, 40.7634 looks on a white background.

Color Contrast Check

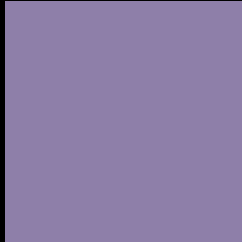
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9061, 23.7941, 40.7634 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 25.9061, 23.7941, 40.7634

Background



This preview shows how black text looks on a background with the XYZ color 25.9061, 23.7941, 40.7634.



This preview shows how white text looks on a background with the XYZ color 25.9061, 23.7941,

40.7634.

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

25.9061, 23.7941, 40.7634

Protanopia

23.9625, 23.7306, 42.8527

Deuteranopia

24.2374, 23.7269, 40.3481



Tritanopia

23.4503, 23.7739, 28.9440

Trichromacy



Original Color

25.9061, 23.7941, 40.7634

Protanomaly

24.6349, 23.6896, 42.3039

Deuteranomaly

24.8820, 23.8607, 40.3399

Tritanomaly

24.2976, 23.7212, 33.0038

Monochromacy



Original Color

25.9061, 23.7941, 40.7634

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2141, 24.3164, 31.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9061, 23.7941, 40.7634 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(142, 127, 169)` looks like.

```
.text, #text, p{  
    color:rgb(142, 127, 169)  
}
```

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(142, 127, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 127, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.9061, 23.7941, 40.7634 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(142, 127, 169) }
```


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

```
.border{ border-color:rgb(142, 127, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 127, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 127, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 127, 169);  
box-shadow:4px 4px 4px 4px rgb(142, 127,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9061, 23.7941, 40.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 127, 169) }
```

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

```
.background{ background-color: rgb(142,  
127, 169) }
```

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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