

Converting Colors

XYZ(25.1019, 23.9304, 42.3257)

Have a look what the booklet for
XYZ(25.1019, 23.9304, 42.3257)
contains.

XYZ(25.1019, 23.9304, 42.3257)	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(25.1019, 23.9304,
42.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	8582AC
RGB	133, 130, 172
RGB Percent	52%, 51%, 67%
CMY	0.4784, 0.4902, 0.3255
CMYK	0.23, 0.24, 0.00, 0.33
HSL	244°, 20%, 59%
HSV	244°, 24%, 67%
XYZ	25.1019, 23.9304, 42.3257
YIQ	135.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

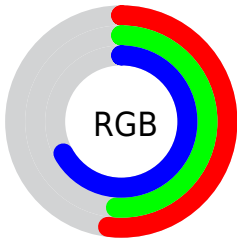
Format	Color
R_{YB}	133, 130, 172
Decimal	8749740
CIE _{Lab}	56.02, 10.37, -21.79
CIE _{LCh}	56, 24.136, 295.448
Yxy	23.9304, 0.2748, 0.2619
Android (android.graphics.Color)	4286939820 (0xFF8582AC)
YUV	135.6850, 17.9033, -2.3547
Hunter-Lab	48.9187, 5.9869, -17.0561

Details

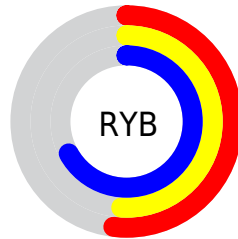
The XYZ color **25.1019, 23.9304, 42.3257** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.1447, 39.5523, 26.9022**, and the grayscale version is **23.2231, 24.4325, 26.6070**.

A 20% lighter version of the original color is **51.4306, 50.0332, 80.3455**, and **9.8999, 9.0799, 19.0001** is the 20% darker color. If you saturate the color by 10%, you get **20.6698, 18.5289, 41.5171**, and if you desaturate by 10%, it is **30.3014, 30.2964, 43.2808**.

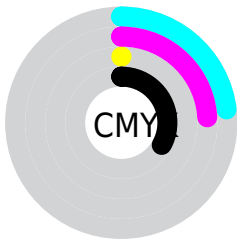
Distribution



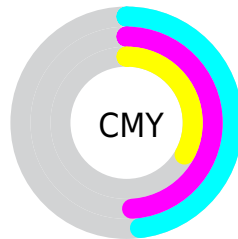
- Red (52%)
- Green (51%)
- Blue (67%)



- Red (52%)
- Yellow (51%)
- Blue (67%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (33%)



- Cyan (48%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1019, 23.9304, 42.3257 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 25.1019, 23.9304, 42.3257 by changing the saturation by 10% instead.

■ 25.1019, 23.9304,
42.3257

■ 25.1019, 23.9304,
42.3257

270.6833,
272.4684, 371.6707

■ 16.2821, 15.2820,
29.0289

■ 51.2642, 49.9166,
79.9677

■ 9.8161, 9.0175,
18.8569

■ 69.3374, 68.0232,
105.1501

■ 5.3385, 4.7526,
11.3912

■ 91.2258, 90.0513,
135.1313

■ 2.4840, 2.1029,
6.2131

117.2948,
116.3853, 170.3301

■ 0.8872, 0.6662,
2.9042

147.9097,
147.4096, 211.1649

■ 0.0000, 0.0000,
1.0459

183.4358,

■ 0.0000, 0.0000,

183.5087, 258.0542

0.0000

224.2386,

225.0668, 311.4167

■ 25.1019, 23.9304,
42.3257

■ 25.1019, 23.9304,
42.3257

■ 20.6698, 18.5289,
41.5171

■ 30.3014, 30.2964,
43.2808

■ 16.9665, 14.0421,
40.8462

■ 36.3000, 37.6676,
44.3874

■ 13.9537, 10.4201,
40.3059

■ 43.1300, 46.0860,
45.6524

■ 11.5884, 7.6072,
39.8876

■ 50.8217, 55.5904,
47.0815

■ 9.8230, 5.5409,
39.5819

■ 59.4036, 66.2175,
48.6804

■ 8.6030, 4.1499,
39.3777

■ 68.9029, 78.0023,
50.4545

■ 7.8642, 3.3487,
39.2619

■ 79.3458, 90.9783,
52.4087

■ 7.6021, 3.0588,
39.2198

■ 84.4465, 95.7586,
53.0625

Harmonies

Analogous

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



22.3267, 23.9304, 44.3275



25.1019, 23.9304, 42.3257



27.4006, 23.9304, 35.6588

Triad

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



25.1019, 23.9304, 42.3257



25.8888, 23.9304, 15.4382



17.8557, 23.9304, 24.8688

Complementary

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



25.1019, 23.9304, 42.3257



35.1447, 39.5523, 26.9022

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.



18.6493, 23.9304, 18.3536



25.1019, 23.9304, 42.3257



23.1688, 23.9304, 13.6548

Square

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



25.1019, 23.9304, 42.3257



27.8801, 23.9304, 20.0572



20.5407, 23.9304, 14.6031



18.2828, 23.9304, 33.1457

Rectangle

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



25.1019, 23.9304, 42.3257



28.2766, 23.9304, 30.0634



20.5407, 23.9304, 14.6031



17.9866, 23.9304, 22.4218

Sweetspot

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



25.1027, 23.9314, 42.3262



62.7592, 64.5278, 79.9531



30.8782, 36.1754, 44.3852



13.5016, 13.8544, 17.3502



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1027, 23.9314, 42.3262



41.2666, 38.2008, 76.0043



28.7182, 25.7952, 42.4954



7.6299, 7.7835, 10.0529



5.6760, 2.2859, 29.1866



0.1747, 0.0722, 0.8127

Inverse Universe

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



32.1581, 27.6015, 41.1697



56.2041, 45.9734, 73.4503



31.0315, 37.4319, 26.7097



8.3120, 8.1381, 9.9539



17.3727, 8.4116, 25.4057



0.4905, 0.2369, 0.7446

Previews

White Background



This preview shows how the XYZ color 25.1019, 23.9304, 42.3257 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 25.1019, 23.9304, 42.3257 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 25.1019, 23.9304, 42.3257

Background



This preview shows how black text looks on a background with the XYZ color 25.1019, 23.9304, 42.3257.



This preview shows how white text looks on a background with the XYZ color 25.1019, 23.9304,

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

25.1019, 23.9304, 42.3257

Protanopia

24.1959, 24.0420, 43.4097

Deuteranopia

24.5997, 24.0703, 42.3792



Tritanopia

22.7544, 23.9925, 30.6259

Trichromacy



Original Color

25.1019, 23.9304, 42.3257

Protanomaly

24.5465, 24.0317, 42.8800

Deuteranomaly

24.7686, 23.9570, 42.3484

Tritanomaly

23.5098, 23.8874, 34.3820

Monochromacy



Original Color

25.1019, 23.9304, 42.3257

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9416, 24.3710, 31.8760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1019, 23.9304, 42.3257 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(133, 130, 172)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 172)  
}
```

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(133, 130, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 172) }
```

Border

The CSS property to change the border of an element to XYZ 25.1019, 23.9304, 42.3257 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(133, 130, 172) }
```


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

```
.border{ border-color:rgb(133, 130, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 172);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1019, 23.9304, 42.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 172) }
```

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

```
.background{ background-color: rgb(133,  
130, 172) }
```

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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