

Converting Colors

XYZ(23.2656, 15.4315, 34.1001)

Have a look what the booklet for
XYZ(23.2656, 15.4315, 34.1001)
contains.

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Color

**XYZ(23.2656, 15.4315,
34.1001)**

Conversions

Conversions Part 1

Format	Color
Hex	9F4F9E
RGB	159, 79, 158
RGB Percent	62%, 31%, 62%
CMY	0.3765, 0.6902, 0.3804
CMYK	0.00, 0.50, 0.01, 0.38
HSL	301°, 34%, 47%
HSV	301°, 50%, 62%
XYZ	23.2656, 15.4315, 34.1001
YIQ	111.9260, 22.3210, 41.5290

Conversions

Conversions Part 2

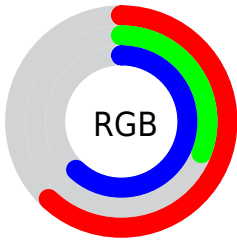
Format	Color
R_{YB}	159, 79, 158
Decimal	10440606
CIE _{Lab}	46.22, 44.58, -28.54
CIE _{LCh}	46, 52.939, 327.372
Yxy	15.4315, 0.3196, 0.2120
Android (android.graphics.Color)	4288630686 (0xFF9F4F9E)
YUV	111.9260, 22.7145, 41.2839
Hunter-Lab	39.2829, 36.9727, -23.9694

Details

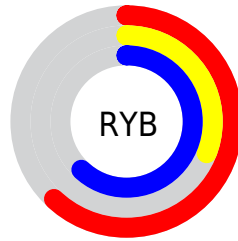
The XYZ color **23.2656, 15.4315, 34.1001** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **17.0712, 27.0383, 11.9094**, and the grayscale version is **15.3109, 16.1083, 17.5419**.

A 20% lighter version of the original color is **48.1509, 35.4838, 67.2620**, and **8.7966, 4.7827, 14.0952** is the 20% darker color. If you saturate the color by 10%, you get **22.2360, 13.3993, 33.6727**, and if you desaturate by 10%, it is **24.5706, 18.0137, 34.6198**.

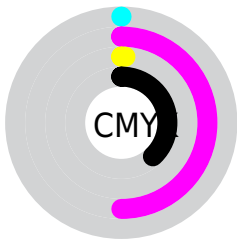
Distribution



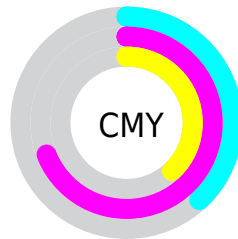
- Red (62%)
- Green (31%)
- Blue (62%)



- Red (62%)
- Yellow (31%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2656, 15.4315, 34.1001 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 23.2656, 15.4315, 34.1001 by changing the saturation by 10% instead.

■ 23.2656, 15.4315,
34.1001

■ 23.2656, 15.4315,
34.1001

261.5962,
225.9633, 335.3609

■ 14.9115, 9.1228,
22.6925

■ 48.2925, 35.6084,
67.2250

■ 8.8432, 4.8214,
14.1635

■ 65.6961, 50.2454,
89.7794

■ 4.6954, 2.1428,
8.0944

■ 86.8469, 68.4272,
116.8864

■ 2.1026, 0.6886,
4.0668

■ 112.1102, 90.5383,
148.9647

■ 0.6906, 0.0000,
1.6620

■ 141.8514,
116.9631, 186.4328

■ 0.0000, 0.0000,
0.3345

176.4359,

■ 0.0000, 0.0000,

148.0859, 229.7091

0.0000

216.2291,
184.2912, 279.2123

■ 23.2656, 15.4315,
34.1001

■ 23.2656, 15.4315,
34.1001

■ 22.2360, 13.3993,
33.6727

■ 24.5706, 18.0137,
34.6198

■ 21.4604, 11.8753,
33.3299

■ 26.1673, 21.1796,
35.2367

■ 20.9166, 10.8151,
33.0645

■ 28.0726, 24.9627,
35.9566

■ 20.5782, 10.1655,
32.8677

■ 30.3017, 29.3935,
36.7846

■ 20.3851, 9.8058,
32.7221

■ 32.8689, 34.5002,
37.7253

■ 35.7874, 40.3096,
38.7834

■ 39.0699, 46.8469,
39.9629

■ 42.7284, 54.1360,
41.2679

■ 46.7742, 62.2000,
42.7021

Harmonies

Analogous

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



19.0339, 15.4315, 49.9876



23.2656, 15.4315, 34.1001



25.1671, 15.4315, 17.9691

Triad

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



23.2656, 15.4315, 34.1001



15.0691, 15.4315, 2.1901



8.2270, 15.4315, 31.0299

Complementary

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



23.2656, 15.4315, 34.1001



17.0712, 27.0383, 11.9094

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.



7.5891, 15.4315, 15.6871



23.2656, 15.4315, 34.1001



11.0253, 15.4315, 2.9787

Square

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



23.2656, 15.4315, 34.1001



19.8666, 15.4315, 3.3534



8.5009, 15.4315, 6.6421



10.4647, 15.4315, 47.6648

Rectangle

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



23.2656, 15.4315, 34.1001



24.6165, 15.4315, 10.4159



8.5009, 15.4315, 6.6421



7.8413, 15.4315, 25.3772

Sweetspot

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



23.2661, 15.4322, 34.1004



52.2076, 48.5461, 65.1148



12.2791, 9.7582, 34.0377



11.5940, 10.5947, 14.6146



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.2661, 15.4322, 34.1004



39.6903, 23.7370, 60.2474



20.4245, 14.2955, 19.1364



6.9006, 6.7532, 8.3276



16.1019, 7.7453, 25.8511



0.2889, 0.1389, 0.4676

Inverse Universe

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



23.2661, 15.4322, 34.1004



39.6903, 23.7370, 60.2474



18.9530, 27.7910, 21.8188



6.9006, 6.7532, 8.3276



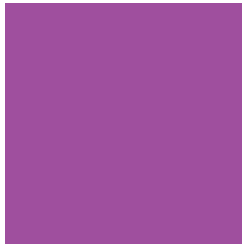
16.1019, 7.7453, 25.8511



0.2889, 0.1389, 0.4676

Previews

White Background



This preview shows how the XYZ color 23.2656, 15.4315, 34.1001 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 23.2656, 15.4315, 34.1001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

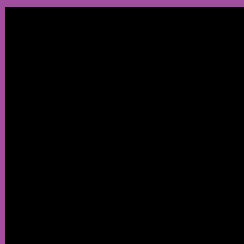
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.2656, 15.4315, 34.1001

Background



This preview shows how black text looks on a background with the XYZ color 23.2656, 15.4315, 34.1001.



This preview shows how white text looks on a background with the XYZ color 23.2656, 15.4315,

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

23.2656, 15.4315, 34.1001

Protanopia

17.1143, 15.8080, 46.4052

Deuteranopia

16.0423, 15.7240, 32.3265



Tritanopia

19.1635, 15.4242, 14.0237

Trichromacy



Original Color

23.2656, 15.4315, 34.1001

Protanomaly

18.1242, 14.8177, 41.4400

Deuteranomaly

17.8918, 15.0239, 32.9672

Tritanomaly

20.4585, 15.3285, 19.9696

Monochromacy



Original Color

23.2656, 15.4315, 34.1001

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.5729, 15.3664, 22.8087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2656, 15.4315, 34.1001 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(159, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(159, 79, 158)  
}
```

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(159, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 79, 158) }
```

Border

The CSS property to change the border of an element to XYZ 23.2656, 15.4315, 34.1001 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(159, 79, 158) }
```


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

```
.border{ border-color:rgb(159, 79, 158) }
```

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

Here you see how a box with a 4 pixel rgb(159, 79, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 79, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 79, 158);  
box-shadow:4px 4px 4px 4px rgb(159, 79,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2656, 15.4315, 34.1001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 79, 158) }
```

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

```
.background{ background-color: rgb(159, 79,  
158) }
```

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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