

Converting Colors

XYZ(16.3174, 10.3573, 18.2286)

Have a look what the booklet for
XYZ(16.3174, 10.3573, 18.2286)
contains.

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Color

**XYZ(16.3356, 10.3652,
18.2792)**

Conversions

Conversions Part 1

Format	Color
Hex	903B76
RGB	144, 59, 118
RGB Percent	56%, 23%, 46%
CMY	0.4353, 0.7686, 0.5373
CMYK	0.00, 0.59, 0.18, 0.44
HSL	318°, 42%, 40%
HSV	318°, 59%, 56%
XYZ	16.3356, 10.3652, 18.2792
YIQ	91.1410, 31.7210, 36.3690

Conversions

Conversions Part 2

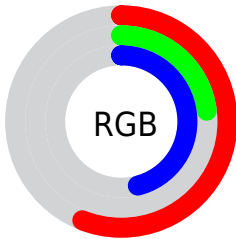
Format	Color
R_{YB}	144, 59, 118
Decimal	9452406
CIE _{Lab}	38.49, 43.12, -16.38
CIE _{LCh}	38, 46.130, 339.199
Yxy	10.3652, 0.3632, 0.2304
Android (android.graphics.Color)	4287642486 (0xFF903B76)
YUV	91.1410, 13.2415, 46.3573
Hunter-Lab	32.1950, 34.2287, -11.1262

Details

The XYZ color **16.3356, 10.3652, 18.2792** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.4171, 21.5326, 12.0443**, and the grayscale version is **9.9421, 10.4599, 11.3908**.

A 20% lighter version of the original color is **36.7596, 26.5505, 41.2175**, and **5.4199, 2.6663, 6.0233** is the 20% darker color. If you saturate the color by 10%, you get **15.4393, 8.9818, 16.7190**, and if you desaturate by 10%, it is **17.4489, 12.1629, 19.9723**.

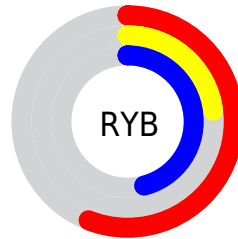
Distribution



Red (56%)

Green (23%)

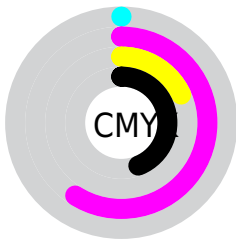
Blue (46%)



Red (56%)

Yellow (23%)

Blue (46%)

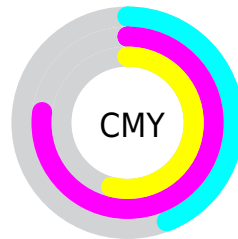


Cyan (0%)

Magenta (59%)

Yellow (18%)

Black (44%)



Cyan (44%)


Magenta (77%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3356, 10.3652, 18.2792 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 16.3356, 10.3652, 18.2792 by changing the saturation by 10% instead.


 16.3356, 10.3652,
18.2792


 16.3356, 10.3652,
18.2792


224.5456,
193.2591, 254.7288


 9.8543, 5.6418,
10.9791


 36.7326, 26.4802,
41.3328


 5.3640, 2.6285,
5.9388

 51.3790, 38.6405,
57.9235


 2.4993, 0.9410,
2.7397

 69.4778, 54.0486,
78.4481

 0.8949, 0.0000,
0.9633

 91.3944, 73.0888,
103.3251

 0.0000, 0.0000,
0.0000

 117.4942, 96.1456,
132.9732

 148.1424,

123.6033, 167.8108

183.7044,
155.8463, 208.2565

■ 16.3356, 10.3652,
18.2792

■ 16.3356, 10.3652,
18.2792

■ 15.4393, 8.9818,
16.7190

■ 17.4489, 12.1629,
19.9723

■ 14.7418, 7.9765,
15.2844

■ 18.7938, 14.4040,
21.8036

■ 14.2229, 7.3097,
13.9681

■ 20.3845, 17.1168,
23.7788

■ 13.8357, 6.8873,
12.7535

■ 22.2340, 20.3267,
25.9029

■ 13.7996, 6.8485,
12.6387

■ 24.3541, 24.0573,
28.1806

■ 26.7560, 28.3308,
30.6164

■ 29.4503, 33.1679,
33.2146

■ 32.4470, 38.5884,
35.9792

■ 35.7554, 44.6111,
38.9141

Harmonies

Analogous

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



13.9948, 10.3652, 29.6936



16.3356, 10.3652, 18.2792



16.7648, 10.3652, 8.8315

Triad

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



16.3356, 10.3652, 18.2792



8.9527, 10.3652, 1.5442



6.0032, 10.3652, 25.3908

Complementary

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



16.3356, 10.3652, 18.2792



13.4171, 21.5326, 12.0443

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.



5.1608, 10.3652, 14.1576



16.3356, 10.3652, 18.2792



6.6196, 10.3652, 2.6830

Square

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



16.3356, 10.3652, 18.2792



12.0604, 10.3652, 1.7869



5.3607, 10.3652, 6.3517



7.9308, 10.3652, 35.0519

Rectangle

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



16.3356, 10.3652, 18.2792



15.8375, 10.3652, 4.9633



5.3607, 10.3652, 6.3517



5.6037, 10.3652, 21.4939

Sweetspot

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



16.3359, 10.3657, 18.2794



39.4457, 36.2543, 45.9413



10.2996, 7.0501, 27.2038



8.8352, 7.9462, 10.3007



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.3359, 10.3657, 18.2794



26.7711, 15.1613, 28.5956



14.3705, 9.5795, 7.9297



5.5570, 5.4833, 6.4309



12.0276, 5.9681, 11.0625



0.1248, 0.0610, 0.1577

Inverse Universe

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



16.3359, 10.3657, 18.2794



26.7711, 15.1613, 28.5956



15.6081, 22.4090, 23.5819



5.5570, 5.4833, 6.4309



12.0276, 5.9681, 11.0625



0.1248, 0.0610, 0.1577

Previews

White Background



This preview shows how the XYZ color 16.3356, 10.3652, 18.2792 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

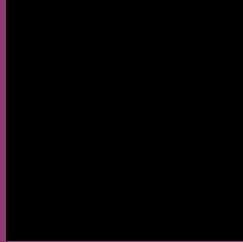
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3356, 10.3652, 18.2792

Background



This preview shows how black text looks on a background with the XYZ color 16.3356, 10.3652, 18.2792.



This preview shows how white text looks on a background with the XYZ color 16.3356, 10.3652,

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

16.3356, 10.3652, 18.2792

Protanopia

11.2111, 10.6430, 27.0546

Deuteranopia

10.6728, 10.4609, 17.0794



Tritanopia

14.2414, 10.4502, 7.7450

Trichromacy



Original Color

16.3356, 10.3652, 18.2792

Protanomaly

12.0666, 9.8821, 23.4618

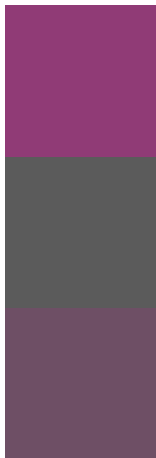
Deuteranomaly

12.1256, 9.9378, 17.4988

Tritanomaly

14.7782, 10.2973, 10.8815

Monochromacy



Original Color

16.3356, 10.3652, 18.2792

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.5754, 9.8465, 13.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3356, 10.3652, 18.2792 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(144, 59, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 59, 118)  
}
```

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(144, 59, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 59, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.3356, 10.3652, 18.2792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

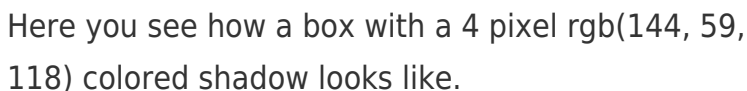
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 59, 118) }
```


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

```
.border{ border-color:rgb(144, 59, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(144, 59, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 59, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 59, 118); box-shadow:4px 4px 4px 4px rgb(144, 59, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3356, 10.3652, 18.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 59, 118) }
```

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

```
.background{ background-color: rgb(144, 59,  
118) }
```

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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