

Converting Colors

XYZ(16.5142, 9.3664, 8.9201)

Have a look what the booklet for
XYZ(16.5142, 9.3664, 8.9201)
contains.

XYZ(16.5142, 9.3664, 8.9201)	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(16.5142, 9.3664,
8.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2652
RGB	159, 38, 82
RGB Percent	62%, 15%, 32%
CMY	0.3765, 0.8509, 0.6784
CMYK	0.00, 0.76, 0.48, 0.38
HSL	338°, 61%, 39%
HSV	338°, 76%, 62%
XYZ	16.5142, 9.3664, 8.9201
YIQ	79.1950, 57.9920, 39.3360

Conversions

Conversions Part 2

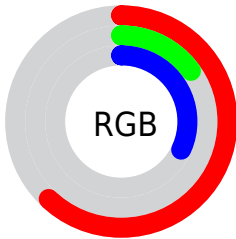
Format	Color
R_{YB}	159, 38, 82
Decimal	10430034
CIE Lab	36.68, 51.93, 3.97
CIE LCh	37, 52.084, 4.367
Yxy	9.3664, 0.4745, 0.2691
Android (android.graphics.Color)	4288620114 (0xFF9F2652)
YUV	79.1950, 1.3829, 69.9890
Hunter-Lab	30.6046, 42.7604, 4.1424

Details

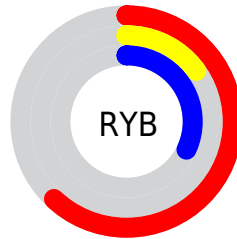
The XYZ color **16.5142, 9.3664, 8.9201** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.2928, 26.4465, 20.4683**, and the grayscale version is **7.4596, 7.8481, 8.5466**.

A 20% lighter version of the original color is **37.0129, 24.5495, 24.2605**, and **5.8293, 2.9647, 2.0987** is the 20% darker color. If you saturate the color by 10%, you get **15.7529, 8.4152, 6.9046**, and if you desaturate by 10%, it is **17.5500, 10.7756, 11.3074**.

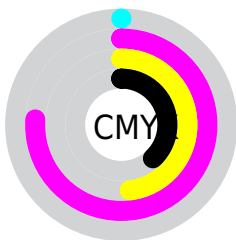
Distribution



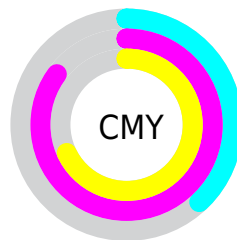
- Red (62%)
- Green (15%)
- Blue (32%)



- Red (62%)
- Yellow (15%)
- Blue (32%)



- Cyan (0%)
- Magenta (76%)
- Yellow (48%)
- Black (38%)





- Cyan (38%)
- Magenta (85%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5142, 9.3664, 8.9201 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 16.5142, 9.3664, 8.9201 by changing the saturation by 10% instead.

 16.5142, 9.3664,
8.9201


 16.5142, 9.3664,
8.9201


225.5683,
186.0882, 192.9768


 9.9819, 4.9809,
4.5930


 37.0389, 24.5967,
24.3187


 5.4491, 2.2361,
1.9560

 51.7620, 36.2104,
36.2273


 2.5506, 0.7396,
0.5280

 69.9460, 51.0023,
51.5001

 0.9208, 0.0000,
0.0000

 91.9564, 69.3567,
70.5557

 0.0000, 0.0000,
0.0000

 118.1585, 91.6581,
93.8127

 148.9176,

118.2909, 121.6895

184.5991,
149.6395, 154.6047

■ 16.5142, 9.3664,
8.9201

■ 16.5142, 9.3664,
8.9201

■ 15.7529, 8.4152,
6.9046

■ 17.5500, 10.7756,
11.3074

■ 15.2284, 7.8509,
5.2360

■ 18.8864, 12.6914,
14.0866

■ 15.0570, 7.6745,
4.6655

■ 20.5472, 15.1580,
17.2764

■ 22.5535, 18.2140,
20.8943

■ 24.9245, 21.8948,
24.9562

■ 27.6780, 26.2327,
29.4777

■ 30.8304, 31.2582,
34.4730

■ 34.3975, 36.9993,
39.9562

■ 38.3938, 43.4829,
45.9404

Harmonies

Analogous

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



15.6465, 9.3664, 19.8269



16.5142, 9.3664, 8.9201



14.9770, 9.3664, 3.1547

Triad

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



16.5142, 9.3664, 8.9201



5.8729, 9.3664, 1.4898



6.5066, 9.3664, 35.6031

Complementary

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



16.5142, 9.3664, 8.9201



16.2928, 26.4465, 20.4683

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.



4.7428, 9.3664, 23.6536



16.5142, 9.3664, 8.9201



4.4428, 9.3664, 4.3357

Square

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



16.5142, 9.3664, 8.9201



8.4442, 9.3664, 0.7907



4.0848, 9.3664, 11.5934



9.3771, 9.3664, 39.6005

Rectangle

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



16.5142, 9.3664, 8.9201



12.9696, 9.3664, 1.5524



4.0848, 9.3664, 11.5934



5.7892, 9.3664, 32.1361

Sweetspot

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



16.5144, 9.3669, 8.9203



45.8800, 41.1590, 46.7649



13.9739, 7.5103, 33.5139



9.9843, 8.7163, 9.9433



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.



16.5144, 9.3669, 8.9203



27.5500, 14.3396, 10.3176



15.9738, 10.1624, 2.9541



6.7278, 6.6840, 7.4175



11.9111, 6.0690, 3.7831



0.2324, 0.1163, 0.1699

Inverse Universe

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



16.5144, 9.3669, 8.9203



27.5500, 14.3396, 10.3176



16.8603, 22.5207, 36.2591



6.7278, 6.6840, 7.4175



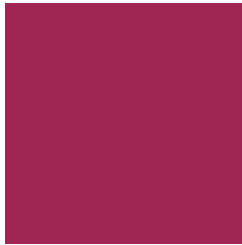
11.9111, 6.0690, 3.7831



0.2324, 0.1163, 0.1699

Previews

White Background



This preview shows how the XYZ color 16.5142, 9.3664, 8.9201 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 ✓ Pass

Black Background



This preview shows how the XYZ color 16.5142, 9.3664, 8.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

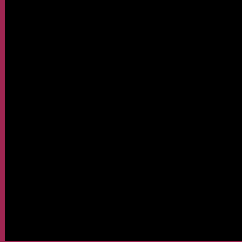
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5142, 9.3664, 8.9201

Background



This preview shows how black text looks on a background with the XYZ color 16.5142, 9.3664, 8.9201.



This preview shows how white text looks on a background with the XYZ color 16.5142, 9.3664,

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

16.5142, 9.3664, 8.9201

Protanopia

9.6482, 9.7144, 15.8345

Deuteranopia

9.7304, 9.5718, 8.1722



Tritanopia

15.4360, 9.3438, 3.8957

Trichromacy



Original Color

16.5142, 9.3664, 8.9201

Protanomaly

10.8107, 8.4721, 12.8699

Deuteranomaly

11.2675, 8.6293, 8.2795

Tritanomaly

15.8067, 9.3338, 5.3834

Monochromacy



Original Color

16.5142, 9.3664, 8.9201

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.4657, 7.4341, 8.5254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5142, 9.3664, 8.9201 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, 38, 82)` looks like.

```
.text, #text, p{  
    color:rgb(159, 38, 82)  
}
```

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, 38, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 38, 82) }
```

Border

The CSS property to change the border of an element to XYZ 16.5142, 9.3664, 8.9201 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, 38, 82) }
```


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

```
.border{ border-color:rgb(159, 38, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 38, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 38, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 38, 82);  
box-shadow:4px 4px 4px 4px rgb(159, 38,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5142, 9.3664, 8.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 38, 82) }
```

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

```
.background{ background-color: rgb(159, 38,  
82) }
```

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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