

Converting Colors

XYZ(16.3482, 8.8547, 14.1382)

Have a look what the booklet for
XYZ(16.3482, 8.8547, 14.1382)
contains.

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Color

**XYZ(16.3662, 8.8699,
14.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	9A1F69
RGB	154, 31, 105
RGB Percent	60%, 12%, 41%
CMY	0.3961, 0.8784, 0.5882
CMYK	0.00, 0.80, 0.32, 0.40
HSL	324°, 66%, 36%
HSV	324°, 80%, 60%
XYZ	16.3662, 8.8699, 14.2141
YIQ	76.2130, 49.5540, 49.0900

Conversions

Conversions Part 2

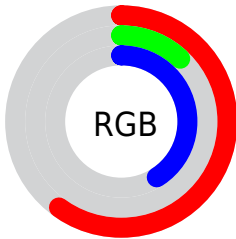
Format	Color
RYB	154, 31, 105
Decimal	10100585
CIELab	35.73, 55.18, -12.26
CIElCh	36, 56.528, 347.471
Yxy	8.8699, 0.4149, 0.2248
Android (android.graphics.Color)	4288290665 (0xFF9A1F69)
YUV	76.2130, 14.1920, 68.2192
Hunter-Lab	29.7824, 45.9713, -7.4494

Details

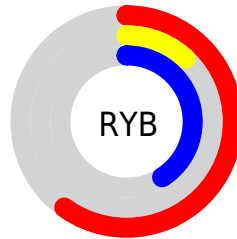
The XYZ color **16.3662, 8.8699, 14.2141** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.5692, 23.9820, 11.5048**, and the grayscale version is **6.8777, 7.2359, 7.8799**.

A 20% lighter version of the original color is **36.8083, 23.7097, 34.0889**, and **5.8007, 2.9022, 4.2574** is the 20% darker color. If you saturate the color by 10%, you get **15.7517, 8.1274, 12.5091**, and if you desaturate by 10%, it is **17.1962, 10.0068, 16.1033**.

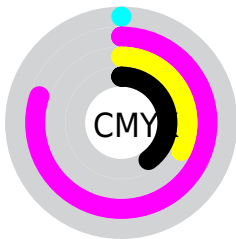
Distribution



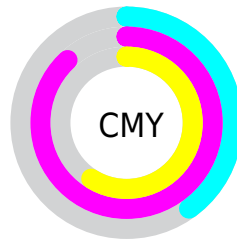
- Red (60%)
- Green (12%)
- Blue (41%)



- Red (60%)
- Yellow (12%)
- Blue (41%)



- Cyan (0%)
- Magenta (80%)
- Yellow (32%)
- Black (40%)





- Cyan (40%)
- Magenta (88%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3662, 8.8699, 14.2141 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 16.3662, 8.8699, 14.2141 by changing the saturation by 10% instead.


 16.3662, 8.8699,
14.2141


 16.3662, 8.8699,
14.2141


224.7212,
182.4044, 230.0333


 9.8761, 4.6564,
8.1293


 36.7851, 23.6470,
34.1910


 5.3785, 2.0471,
4.0888

 51.4447, 34.9794,
48.9202


 2.5081, 0.6346,
1.6742

 69.5582, 49.4535,
67.3679

 0.8993, 0.0000,
0.3430

 91.4909, 67.4538,
89.9527

 0.0000, 0.0000,
0.0000

 117.6081, 89.3646,
117.0930

 148.2754,

115.5704, 149.2076

183.8579,
146.4555, 186.7148

■ 16.3662, 8.8699,
14.2141

■ 16.3662, 8.8699,
14.2141

■ 15.7517, 8.1274,
12.5091

■ 17.1962, 10.0068,
16.1033

■ 15.2925, 7.6601,
10.9658

■ 18.2655, 11.5852,
18.1868

■ 15.2866, 7.6541,
10.9457

■ 19.5956, 13.6473,
20.4739

■ 21.2051, 16.2296,
22.9732

■ 23.1109, 19.3654,
25.6922

■ 25.3286, 23.0849,
28.6383

■ 27.8725, 27.4163,
31.8182

■ 30.7562, 32.3860,
35.2383

■ 33.9922, 38.0187,
38.9048

Harmonies

Analogous

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



14.0932, 8.8699, 28.1471



16.3662, 8.8699, 14.2141



16.1446, 8.8699, 5.1274

Triad

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



16.3662, 8.8699, 14.2141



6.6485, 8.8699, 0.5374



4.7968, 8.8699, 30.4936

Complementary

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



16.3662, 8.8699, 14.2141



13.5692, 23.9820, 11.5048

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.



3.6744, 8.8699, 16.2860



16.3662, 8.8699, 14.2141



4.5334, 8.8699, 1.8036

Square

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



16.3662, 8.8699, 14.2141



9.8994, 8.8699, 0.4492



3.5928, 8.8699, 6.1969



7.1147, 8.8699, 40.9599

Rectangle

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



16.3662, 8.8699, 14.2141



14.6118, 8.8699, 2.2404



3.5928, 8.8699, 6.1969



4.2971, 8.8699, 25.6893

Sweetspot

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



16.3665, 8.8704, 14.2143



44.0795, 38.6810, 49.5010



9.4776, 4.9398, 31.0258



9.6787, 8.2559, 10.8044



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.3665, 8.8704, 14.2143



27.9596, 14.1203, 20.4545



14.2972, 8.0427, 3.3177



6.3569, 6.2819, 7.2597



12.4723, 6.2432, 9.0123



0.2043, 0.1005, 0.2289

Inverse Universe

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



16.3665, 8.8704, 14.2143



27.9596, 14.1203, 20.4545



16.8289, 25.2858, 28.6699



6.3569, 6.2819, 7.2597



12.4723, 6.2432, 9.0123



0.2043, 0.1005, 0.2289

Previews

White Background



This preview shows how the XYZ color 16.3662, 8.8699, 14.2141 looks on a white background.

Color Contrast Check

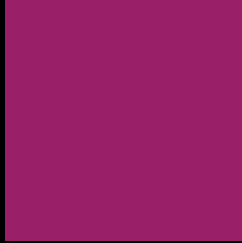
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3662, 8.8699, 14.2141 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 16.3662, 8.8699, 14.2141

Background



This preview shows how black text looks on a background with the XYZ color 16.3662, 8.8699, 14.2141.



This preview shows how white text looks on a background with the XYZ color 16.3662, 8.8699,

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

16.3662, 8.8699, 14.2141

Protanopia

10.0394, 9.3178, 26.8606

Deuteranopia

9.2759, 9.1136, 13.0746



Tritanopia

14.2958, 8.9286, 4.2187

Trichromacy



Original Color

16.3662, 8.8699, 14.2141

Protanomaly

10.5721, 7.7985, 21.7169

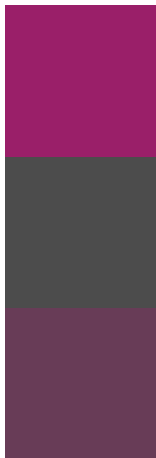
Deuteranomaly

10.7379, 7.9859, 13.2874

Tritanomaly

14.7278, 8.6902, 6.8624

Monochromacy



Original Color

16.3662, 8.8699, 14.2141

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

9.0451, 6.8629, 9.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3662, 8.8699, 14.2141 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(154, 31, 105)` looks like.

```
.text, #text, p{  
    color:rgb(154, 31, 105)  
}
```

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(154, 31, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 31, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.3662, 8.8699, 14.2141 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(154, 31, 105) }
```


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

```
.border{ border-color:rgb(154, 31, 105) }
```

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

Here you see how a box with a 4 pixel rgb(154, 31, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 31, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 31, 105);  
box-shadow:4px 4px 4px 4px rgb(154, 31,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3662, 8.8699, 14.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 31, 105) }
```

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

```
.background{ background-color: rgb(154, 31,  
105) }
```

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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