

Converting Colors

XYZ(16.2129, 10.7255, 18.4685)

Have a look what the booklet for
XYZ(16.2129, 10.7255, 18.4685)
contains.

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Color

**XYZ(16.2587, 10.7256,
18.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4076
RGB	142, 64, 118
RGB Percent	56%, 25%, 46%
CMY	0.4431, 0.7490, 0.5373
CMYK	0.00, 0.55, 0.17, 0.44
HSL	318°, 38%, 40%
HSV	318°, 55%, 56%
XYZ	16.2587, 10.7256, 18.3529
YIQ	93.4780, 29.1540, 33.3300

Conversions

Conversions Part 2

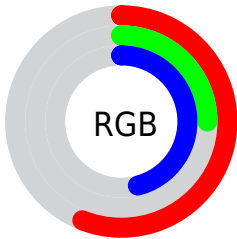
Format	Color
R_{YB}	142, 64, 118
Decimal	9322614
CIE _{Lab}	39.11, 40.00, -15.45
CIE _{LCh}	39, 42.877, 338.874
Yxy	10.7256, 0.3586, 0.2366
Android (android.graphics.Color)	4287512694 (0xFF8E4076)
YUV	93.4780, 12.0893, 42.5538
Hunter-Lab	32.7500, 31.3038, -10.3008

Details

The XYZ color **16.2587, 10.7256, 18.3529** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.5493, 21.1408, 12.5999**, and the grayscale version is **10.4845, 11.0305, 12.0122**.

A 20% lighter version of the original color is **36.6751, 27.1695, 41.3415**, and **5.3339, 2.7831, 6.0504** is the 20% darker color. If you saturate the color by 10%, you get **15.3039, 9.2218, 16.7831**, and if you desaturate by 10%, it is **17.4301, 12.6430, 20.0544**.

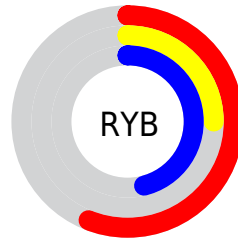
Distribution



Red (56%)

Green (25%)

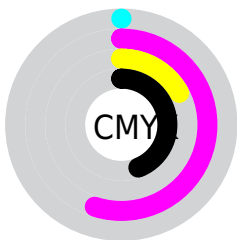
Blue (46%)



Red (56%)

Yellow (25%)

Blue (46%)

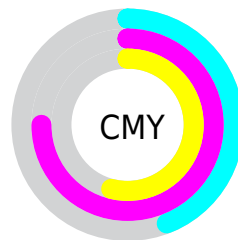


Cyan (0%)

Magenta (55%)

Yellow (17%)

Black (44%)



Cyan (44%)

Magenta (75%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2587, 10.7256, 18.3529 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 16.2587, 10.7256, 18.3529 by changing the saturation by 10% instead.

16.2587, 10.7256,
18.3529

16.2587, 10.7256,
18.3529

224.1040,
195.7752, 255.1553

9.7994, 5.8826,
11.0316

36.6006, 27.1516,
41.4598

5.3274, 2.7738,
5.9736

51.2139, 39.5035,
58.0824

2.4773, 1.0148,
2.7605

69.2759, 55.1271,
78.6426

0.8838, 0.0000,
0.9737

91.1519, 74.4068,
103.5588

0.0000, 0.0000,
0.0000

117.2074, 97.7271,
133.2497

147.8077,

125.4724, 168.1337

183.3181,
158.0269, 208.6294

■ 16.2587, 10.7256,
18.3529

■ 16.2587, 10.7256,
18.3529

■ 15.3039, 9.2218,
16.7831

■ 17.4301, 12.6430,
20.0544

■ 14.5487, 8.0985,
15.3383

■ 18.8314, 15.0009,
21.8927

■ 13.9753, 7.3198,
14.0119

■ 20.4760, 17.8256,
23.8729

■ 13.5592, 6.8374,
12.7948

■ 22.3759, 21.1409,
25.9998

■ 13.3744, 6.6384,
12.2076

■ 24.5423, 24.9690,
28.2780

■ 26.9858, 29.3307,
30.7117

■ 29.7163, 34.2458,
33.3048

■ 32.7433, 39.7329,
36.0613

■ 36.0757, 45.8098,
38.9848

Harmonies

Analogous

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



14.0659, 10.7256, 28.8153



16.2587, 10.7256, 18.3529



16.6785, 10.7256, 9.4055

Triad

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



16.2587, 10.7256, 18.3529



9.3664, 10.7256, 1.9877



6.4726, 10.7256, 24.6747

Complementary

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



16.2587, 10.7256, 18.3529



13.5493, 21.1408, 12.5999

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.



5.6553, 10.7256, 14.2906



16.2587, 10.7256, 18.3529



7.1077, 10.7256, 3.1882

Square

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



16.2587, 10.7256, 18.3529



12.3161, 10.7256, 2.2681



5.8637, 10.7256, 6.8570



8.3315, 10.7256, 33.5014

Rectangle

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



16.2587, 10.7256, 18.3529



15.8322, 10.7256, 5.5872



5.8637, 10.7256, 6.8570



6.0844, 10.7256, 21.0960

Sweetspot

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



16.2590, 10.7261, 18.3531



38.9589, 36.4041, 45.3050



10.6844, 7.6660, 26.5078



8.5636, 7.8894, 9.9673



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.2590, 10.7261, 18.3531



26.6300, 15.7177, 28.9525



14.4224, 9.9914, 8.6813



5.5566, 5.4831, 6.4288



12.0167, 5.9637, 11.0051



0.1248, 0.0610, 0.1573

Inverse Universe

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



16.2590, 10.7261, 18.3531



26.6300, 15.7177, 28.9525



15.5795, 21.9529, 23.2908



5.5566, 5.4831, 6.4288



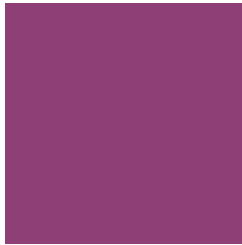
12.0167, 5.9637, 11.0051



0.1248, 0.0610, 0.1573

Previews

White Background



This preview shows how the XYZ color 16.2587, 10.7256, 18.3529 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 16.2587, 10.7256, 18.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

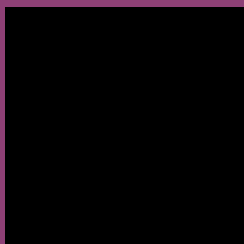
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.2587, 10.7256, 18.3529

Background



This preview shows how black text looks on a background with the XYZ color 16.2587, 10.7256, 18.3529.



This preview shows how white text looks on a background with the XYZ color 16.2587, 10.7256,

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

16.2587, 10.7256, 18.3529

Protanopia

11.4619, 10.9240, 25.9305

Deuteranopia

11.0927, 10.9212, 17.4429



Tritanopia

14.2389, 10.7184, 8.5261

Trichromacy



Original Color

16.2587, 10.7256, 18.3529

Protanomaly

12.4060, 10.2903, 22.8051

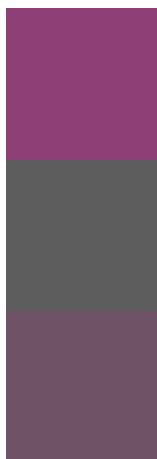
Deuteranomaly

12.4673, 10.4377, 17.5772

Tritanomaly

14.8134, 10.6596, 11.6327

Monochromacy



Original Color

16.2587, 10.7256, 18.3529

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.9711, 10.3734, 13.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2587, 10.7256, 18.3529 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(142, 64, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 64, 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(142, 64, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 64, 118) }
```

Border

The CSS property to change the border of an element to XYZ 16.2587, 10.7256, 18.3529 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(142, 64, 118) }
```


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

```
.border{ border-color:rgb(142, 64, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 64, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 64, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 64, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 64,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2587, 10.7256, 18.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 64, 118) }
```

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

```
.background{ background-color: rgb(142, 64,  
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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