

Converting Colors

XYZ(16.8140, 13.9488, 25.8509)

Have a look what the booklet for
XYZ(16.8140, 13.9488, 25.8509)
contains.

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Color

**XYZ(16.8140, 13.9488,
25.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5D8A
RGB	124, 93, 138
RGB Percent	49%, 36%, 54%
CMY	0.5137, 0.6353, 0.4588
CMYK	0.10, 0.33, 0.00, 0.46
HSL	281°, 19%, 45%
HSV	281°, 33%, 54%
XYZ	16.8140, 13.9488, 25.8509
YIQ	107.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

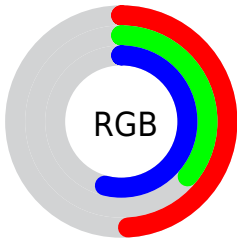
Format	Color
R_{YB}	124, 93, 138
Decimal	8150410
CIE _{Lab}	44.16, 21.37, -20.12
CIE _{LCh}	44, 29.353, 316.732
Y _{xy}	13.9488, 0.2970, 0.2464
Android (android.graphics.Color)	4286340490 (0xFF7C5D8A)
YUV	107.3990, 15.0863, 14.5591
Hunter-Lab	37.3481, 15.0010, -14.8946

Details

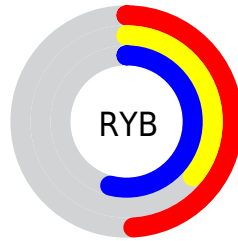
The XYZ color **16.8140, 13.9488, 25.8509** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1281, 22.0934, 13.7183**, and the grayscale version is **14.0449, 14.7764, 16.0915**.

A 20% lighter version of the original color is **37.6191, 33.0994, 54.2753**, and **5.5625, 4.1144, 9.7335** is the 20% darker color. If you saturate the color by 10%, you get **15.1034, 11.4285, 25.4548**, and if you desaturate by 10%, it is **18.7711, 16.9214, 26.3217**.

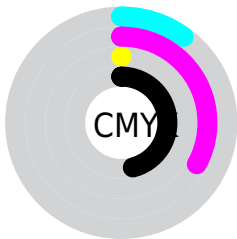
Distribution



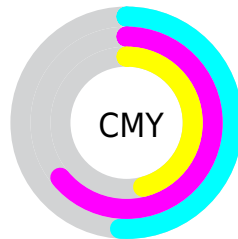
- Red (49%)
- Green (36%)
- Blue (54%)



- Red (49%)
- Yellow (36%)
- Blue (54%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8140, 13.9488, 25.8509 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 16.8140, 13.9488, 25.8509 by changing the saturation by 10% instead.

■ 16.8140, 13.9488,
25.8509

■ 16.8140, 13.9488,
25.8509

227.2754,
216.9121, 295.6315

■ 10.1964, 8.0851,
16.4874

■ 37.5518, 32.9982,
54.0154

■ 5.5927, 4.1494,
9.7116

■ 52.4029, 46.9526,
73.6535

■ 2.6373, 1.7575,
5.1051

■ 70.7291, 64.3726,
97.5535

■ 0.9650, 0.4605,
2.2492

■ 92.8958, 85.6428,
126.1340

■ 0.0000, 0.0000,
0.7026

119.2685,
111.1474, 159.8135

■ 0.0000, 0.0000,
0.0000

150.2124,

141.2709, 199.0106

186.0929,
176.3977, 244.1438

■ 16.8140, 13.9488,
25.8509

■ 16.8140, 13.9488,
25.8509

■ 15.1034, 11.4285,
25.4548

■ 18.7711, 16.9214,
26.3217

■ 13.6259, 9.3350,
25.1286

■ 20.9846, 20.3665,
26.8700

■ 12.3686, 7.6431,
24.8683

■ 23.4655, 24.3052,
27.4995

■ 11.3171, 6.3238,
24.6691

■ 26.2235, 28.7566,
28.2134

■ 10.4545, 5.3445,
24.5255

■ 29.2680, 33.7391,
29.0146

■ 9.7613, 4.6666,
24.4312

■ 32.6080, 39.2699,
29.9062

■ 9.3138, 4.2715,
24.3785

■ 36.2519, 45.3656,
30.8907

■ 40.2078, 52.0420,
31.9709

■ 44.4836, 59.3143,
33.1492

Harmonies

Analogous

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



14.5968, 13.9488, 31.1853



16.8140, 13.9488, 25.8509



18.1406, 13.9488, 18.3435

Triad

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



16.8140, 13.9488, 25.8509



14.3183, 13.9488, 5.7771



9.3967, 13.9488, 19.2109

Complementary

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



16.8140, 13.9488, 25.8509



17.1281, 22.0934, 13.7183

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.



9.3408, 13.9488, 12.4166



16.8140, 13.9488, 25.8509



12.0035, 13.9488, 5.8837

Square

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



16.8140, 13.9488, 25.8509



16.5895, 13.9488, 7.6006



10.2423, 13.9488, 7.9534



10.4052, 13.9488, 26.6447

Rectangle

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



16.8140, 13.9488, 25.8509



18.2507, 13.9488, 13.7258



10.2423, 13.9488, 7.9534



9.2704, 13.9488, 16.7502

Sweetspot

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



16.8145, 13.9494, 25.8512



37.9918, 37.4802, 47.6152



14.3860, 14.7303, 26.1299



8.4068, 8.2259, 10.6510



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.8145, 13.9494, 25.8512



27.4164, 21.2995, 45.0494



18.4085, 14.8375, 22.9252



5.0850, 5.0523, 6.3130



8.5547, 3.9242, 22.3523



0.0719, 0.0338, 0.1492

Inverse Universe

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



17.0499, 14.2941, 15.7709



27.9972, 22.0633, 24.0937



15.9644, 21.4489, 15.6755



5.0928, 5.0726, 5.5771



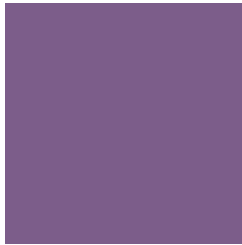
10.0145, 5.1159, 2.5807



0.0725, 0.0364, 0.0488

Previews

White Background



This preview shows how the XYZ color 16.8140, 13.9488, 25.8509 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 16.8140, 13.9488, 25.8509 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 16.8140, 13.9488, 25.8509

Background



This preview shows how black text looks on a background with the XYZ color 16.8140, 13.9488, 25.8509.



This preview shows how white text looks on a background with the XYZ color 16.8140, 13.9488,

25.8509.

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

16.8140, 13.9488, 25.8509

Protanopia

14.4522, 14.0511, 29.1446

Deuteranopia

14.3312, 14.0747, 25.2539



Tritanopia

14.7234, 13.9072, 15.8183

Trichromacy



Original Color

16.8140, 13.9488, 25.8509

Protanomaly

15.1287, 13.8499, 27.8625

Deuteranomaly

15.0406, 13.8556, 25.5486

Tritanomaly

15.4299, 13.9223, 19.0136

Monochromacy



Original Color

16.8140, 13.9488, 25.8509

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8314, 14.3215, 19.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8140, 13.9488, 25.8509 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(124, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(124, 93, 138)  
}
```

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(124, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 93, 138) }
```

Border

The CSS property to change the border of an element to XYZ 16.8140, 13.9488, 25.8509 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(124, 93, 138) }
```


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

```
.border{ border-color:rgb(124, 93, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 93, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 93, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 93, 138);  
box-shadow:4px 4px 4px 4px rgb(124, 93,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8140, 13.9488, 25.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 93, 138) }
```

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

```
.background{ background-color: rgb(124, 93,  
138) }
```

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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