

Converting Colors

XYZ(18.4613, 14.3637, 21.3888)

Have a look what the booklet for
XYZ(18.4613, 14.3637, 21.3888)
contains.

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Color

**XYZ(18.4936, 14.4019,
21.5438)**

Conversions

Conversions Part 1

Format	Color
Hex	8E597E
RGB	142, 89, 126
RGB Percent	56%, 35%, 49%
CMY	0.4431, 0.6510, 0.5059
CMYK	0.00, 0.37, 0.11, 0.44
HSL	318°, 23%, 45%
HSV	318°, 37%, 56%
XYZ	18.4936, 14.4019, 21.5438
YIQ	109.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

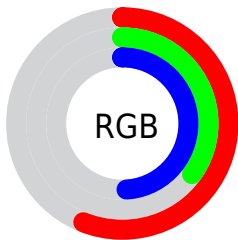
Format	Color
R_{YB}	142, 89, 126
Decimal	9329022
CIE _{Lab}	44.80, 27.65, -11.71
CIE _{LCh}	45, 30.024, 337.048
Yxy	14.4019, 0.3397, 0.2645
Android (android.graphics.Color)	4287519102 (0xFF8E597E)
YUV	109.0650, 8.3490, 28.8840
Hunter-Lab	37.9498, 20.5739, -7.0935

Details

The XYZ color **18.4936, 14.4019, 21.5438** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.3432, 22.4902, 16.8452**, and the grayscale version is **14.5278, 15.2844, 16.6447**.

A 20% lighter version of the original color is **40.5407, 33.8812, 47.0508**, and **6.3489, 4.2954, 7.5156** is the 20% darker color. If you saturate the color by 10%, you get **17.1533, 12.1544, 19.7614**, and if you desaturate by 10%, it is **20.0746, 17.1113, 23.4652**.

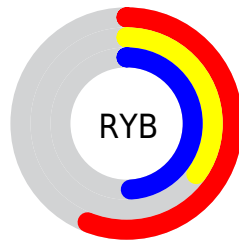
Distribution



Red (56%)

Green (35%)

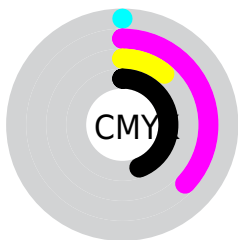
Blue (49%)



Red (56%)

Yellow (35%)

Blue (49%)

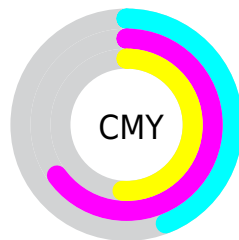


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (44%)



Cyan (44%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4936, 14.4019, 21.5438 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 18.4936, 14.4019, 21.5438 by changing the saturation by 10% instead.

■ 18.4936, 14.4019,
21.5438

■ 18.4936, 14.4019,
21.5438

236.6308,
219.7169, 273.0299

■ 11.4068, 8.4007,
13.3270

■ 40.4002, 33.8005,
46.8833

■ 6.4104, 4.3524,
7.5207

■ 55.9506, 47.9666,
64.8431

■ 3.1392, 1.8726,
3.7065

■ 75.0529, 65.6232,
86.8876

■ 1.2278, 0.5318,
1.4657

■ 98.0726, 87.1547,
113.4353

■ 0.1282, 0.0000,
0.1922

■ 125.3748,
112.9454, 144.9049

■ 0.0000, 0.0000,
0.0000

157.3250,

143.3798, 181.7148

194.2886,
178.8421, 224.2836

■ 18.4936, 14.4019,
21.5438

■ 18.4936, 14.4019,
21.5438

■ 17.1533, 12.1544,
19.7614

■ 20.0746, 17.1113,
23.4652

■ 16.0391, 10.3406,
18.1120

■ 21.9071, 20.3050,
25.5296

■ 15.1368, 8.9319,
16.5902

■ 24.0032, 24.0061,
27.7417

■ 14.4298, 7.8958,
15.1899

■ 26.3733, 28.2358,
30.1058

■ 13.8993, 7.1946,
13.9039

■ 29.0276, 33.0141,
32.6258

■ 13.5105, 6.7589,
12.7199

■ 31.9757, 38.3597,
35.3058

■ 13.4138, 6.6542,
12.4144

■ 35.2267, 44.2908,
38.1492

■ 38.7892, 50.8244,
41.1598

■ 42.6715, 57.9771,
44.3408

Harmonies

Analogous

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



16.7230, 14.4019, 29.0798



18.4936, 14.4019, 21.5438



18.9084, 14.4019, 14.0855

Triad

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



18.4936, 14.4019, 21.5438



13.1194, 14.4019, 5.7504



10.2667, 14.4019, 25.2798

Complementary

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



18.4936, 14.4019, 21.5438



16.3432, 22.4902, 16.8452

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.



9.5304, 14.4019, 17.3932



18.4936, 14.4019, 21.5438



11.0454, 14.4019, 7.1986

Square

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



18.4936, 14.4019, 21.5438



15.6063, 14.4019, 6.2590



9.7975, 14.4019, 10.9922



11.9348, 14.4019, 31.6472

Rectangle

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



18.4936, 14.4019, 21.5438



18.3205, 14.4019, 10.3178



9.7975, 14.4019, 10.9922



9.9116, 14.4019, 22.6405

Sweetspot

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



18.4940, 14.4026, 21.5441



40.8265, 39.6735, 47.3642



14.2695, 12.0957, 27.1740



9.0222, 8.6906, 10.4773



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.



18.4940, 14.4026, 21.5441



30.5515, 21.9358, 35.2687



17.0092, 13.8086, 13.7249



5.5578, 5.4837, 6.4356



12.0519, 5.9778, 11.1903



0.1250, 0.0611, 0.1586

Inverse Universe

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



18.4940, 14.4026, 21.5441



30.5515, 21.9358, 35.2687



17.9172, 23.1198, 25.1338



5.5578, 5.4837, 6.4356



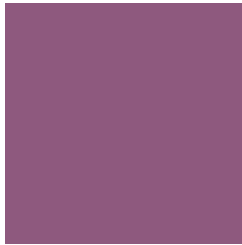
12.0519, 5.9778, 11.1903



0.1250, 0.0611, 0.1586

Previews

White Background



This preview shows how the XYZ color 18.4936, 14.4019, 21.5438 looks on a white background.

Color Contrast Check

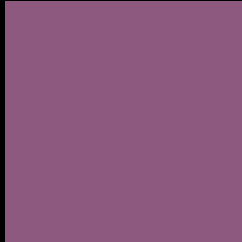
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4936, 14.4019, 21.5438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

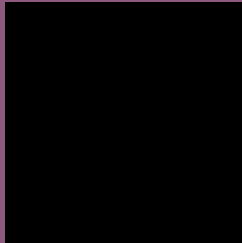
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4936, 14.4019, 21.5438

Background



This preview shows how black text looks on a background with the XYZ color 18.4936, 14.4019, 21.5438.



This preview shows how white text looks on a background with the XYZ color 18.4936, 14.4019,

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

18.4936, 14.4019, 21.5438

Protanopia

14.6039, 14.5060, 25.6971

Deuteranopia

14.8321, 14.5819, 20.7717



Tritanopia

16.9991, 14.4340, 14.2020

Trichromacy



Original Color

18.4936, 14.4019, 21.5438

Protanomaly

15.6349, 14.1945, 24.1061

Deuteranomaly

15.9851, 14.4439, 21.0142

Tritanomaly

17.4568, 14.3555, 16.6027

Monochromacy



Original Color

18.4936, 14.4019, 21.5438

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.7310, 14.8055, 18.2483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4936, 14.4019, 21.5438 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, 89, 126)` looks like.

```
.text, #text, p{  
  color:rgb(142, 89, 126)  
}
```

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, 89, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 89, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.4936, 14.4019, 21.5438 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, 89, 126) }
```


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

```
.border{ border-color:rgb(142, 89, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 89, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 89, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 89, 126); box-shadow:4px 4px 4px 4px rgb(142, 89, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4936, 14.4019, 21.5438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 89, 126) }
```

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

```
.background{ background-color: rgb(142, 89,  
126) }
```

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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