

Converting Colors

XYZ(18.9669, 14.0085, 24.7734)

Have a look what the booklet for
XYZ(18.9669, 14.0085, 24.7734)
contains.

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Color

**XYZ(18.8712, 13.9296,
24.6157)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5487
RGB	143, 84, 135
RGB Percent	56%, 33%, 53%
CMY	0.4392, 0.6706, 0.4706
CMYK	0.00, 0.41, 0.06, 0.44
HSL	308°, 26%, 45%
HSV	308°, 41%, 56%
XYZ	18.8712, 13.9296, 24.6157
YIQ	107.4550, 18.7930, 28.3690

Conversions

Conversions Part 2

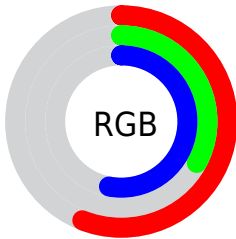
Format	Color
R_{YB}	143, 84, 135
Decimal	9393287
CIE _{Lab}	44.13, 32.50, -18.16
CIE _{LCh}	44, 37.233, 330.804
Yxy	13.9296, 0.3287, 0.2426
Android (android.graphics.Color)	4287583367 (0xFF8F5487)
YUV	107.4550, 13.5797, 31.1730
Hunter-Lab	37.3224, 24.9402, -12.9786

Details

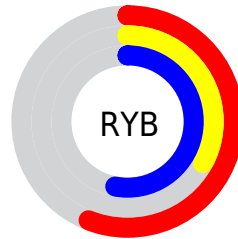
The XYZ color **18.8712, 13.9296, 24.6157** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4110, 22.3029, 13.6188**, and the grayscale version is **14.0617, 14.7940, 16.1107**.

A 20% lighter version of the original color is **41.0298, 32.9646, 51.7772**, and **6.5850, 4.1418, 9.0467** is the 20% darker color. If you saturate the color by 10%, you get **17.7374, 11.8782, 23.5704**, and if you desaturate by 10%, it is **20.2350, 16.4365, 25.7503**.

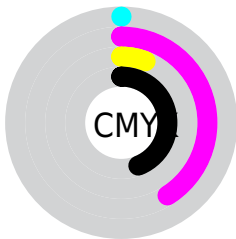
Distribution



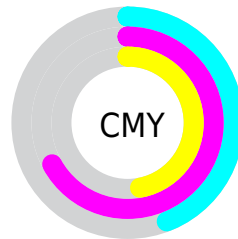
- Red (56%)
- Green (33%)
- Blue (53%)



- Red (56%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8712, 13.9296, 24.6157 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 18.8712, 13.9296, 24.6157 by changing the saturation by 10% instead.

■ 18.8712, 13.9296,
24.6157

■ 18.8712, 13.9296,
24.6157

238.6886,
216.7924, 289.3048

■ 11.6807, 8.0717,
15.5746

■ 41.0349, 32.9641,
51.9895

■ 6.5973, 4.1409,
9.0725

■ 56.7388, 46.9094,
71.1591

■ 3.2556, 1.7527,
4.6911

■ 76.0112, 64.3194,
94.5421

■ 1.2903, 0.4574,
2.0116

■ 99.2175, 85.5784,
122.5569

■ 0.1760, 0.0000,
0.5624

■ 126.7231,
111.0708, 155.6220

■ 0.0000, 0.0000,
0.0000

158.8932,

141.1810, 194.1560

196.0932,
176.2934, 238.5774

■ 18.8712, 13.9296,
24.6157

■ 18.8712, 13.9296,
24.6157

■ 17.7374, 11.8782,
23.5704

■ 20.2350, 16.4365,
25.7503

■ 16.8183, 10.2526,
22.6087

■ 21.8402, 19.4223,
26.9775

■ 16.0990, 9.0226,
21.7257

■ 23.6990, 22.9113,
28.3016

■ 15.5619, 8.1533,
20.9156

■ 25.8224, 26.9255,
29.7264

■ 15.1866, 7.6035,
20.1714

■ 28.2207, 31.4856,
31.2554

■ 14.9412, 7.2851,
19.5581

■ 30.9038, 36.6110,
32.8918

■ 33.8809, 42.3204,
34.6390

■ 37.1610, 48.6316,
36.4998

■ 40.7525, 55.5615,
38.4772

Harmonies

Analogous

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



16.3818, 13.9296, 33.9768



18.8712, 13.9296, 24.6157



19.8035, 13.9296, 14.9387

Triad

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



18.8712, 13.9296, 24.6157



13.1597, 13.9296, 3.9929



8.9187, 13.9296, 25.1685

Complementary

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



18.8712, 13.9296, 24.6157



15.4110, 22.3029, 13.6188

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.



8.3148, 13.9296, 15.3975



18.8712, 13.9296, 24.6157



10.5274, 13.9296, 5.0159

Square

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



18.8712, 13.9296, 24.6157



16.2224, 13.9296, 4.9070



8.8573, 13.9296, 8.5109



10.6469, 13.9296, 34.3710

Rectangle

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



18.8712, 13.9296, 24.6157



19.3216, 13.9296, 10.0720



8.8573, 13.9296, 8.5109



8.5902, 13.9296, 21.7426

Sweetspot

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



18.8716, 13.9302, 24.6160



42.0878, 40.3655, 50.4388



12.5293, 10.5931, 27.3712



9.5613, 9.0866, 11.5037



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.8716, 13.9302, 24.6160



31.8012, 21.3374, 42.2463



17.0811, 13.2140, 15.1869



5.5952, 5.4986, 6.6325



13.2163, 6.4435, 17.3222



0.1320, 0.0639, 0.1953

Inverse Universe

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



18.8716, 13.9302, 24.6160



31.8012, 21.3374, 42.2463



16.9529, 22.9197, 21.7383



5.5952, 5.4986, 6.6325



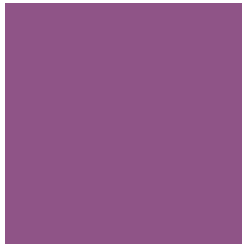
13.2163, 6.4435, 17.3222



0.1320, 0.0639, 0.1953

Previews

White Background



This preview shows how the XYZ color 18.8712, 13.9296, 24.6157 looks on a white background.

Color Contrast Check

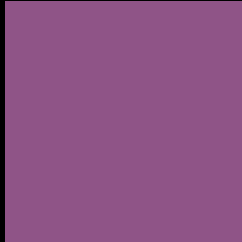
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8712, 13.9296, 24.6157 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 18.8712, 13.9296, 24.6157

Background



This preview shows how black text looks on a background with the XYZ color 18.8712, 13.9296, 24.6157.



This preview shows how white text looks on a background with the XYZ color 18.8712, 13.9296,

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

18.8712, 13.9296, 24.6157

Protanopia

14.5717, 14.0762, 30.8031

Deuteranopia

14.3819, 14.1331, 23.7998



Tritanopia

16.7267, 14.0441, 13.6336

Trichromacy



Original Color

18.8712, 13.9296, 24.6157

Protanomaly

15.6004, 13.6613, 28.6027

Deuteranomaly

15.6190, 13.7722, 24.0254

Tritanomaly

17.3122, 13.8901, 17.0978

Monochromacy



Original Color

18.8712, 13.9296, 24.6157

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.4185, 14.2011, 18.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8712, 13.9296, 24.6157 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(143, 84, 135)` looks like.

```
.text, #text, p{  
    color:rgb(143, 84, 135)  
}
```

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(143, 84, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 84, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.8712, 13.9296, 24.6157 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(143, 84, 135) }
```


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

```
.border{ border-color:rgb(143, 84, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 84, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 84, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 84, 135);  
box-shadow:4px 4px 4px 4px rgb(143, 84,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8712, 13.9296, 24.6157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 84, 135) }
```

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

```
.background{ background-color: rgb(143, 84,  
135) }
```

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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