

Converting Colors

XYZ(19.8068, 15.0747, 26.3192)

Have a look what the booklet for
XYZ(19.8068, 15.0747, 26.3192)
contains.

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Color

**XYZ(19.8180, 15.1057,
26.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	905A8B
RGB	144, 90, 139
RGB Percent	56%, 35%, 55%
CMY	0.4353, 0.6470, 0.4549
CMYK	0.00, 0.37, 0.03, 0.44
HSL	306°, 23%, 46%
HSV	306°, 37%, 56%
XYZ	19.8180, 15.1057, 26.2973
YIQ	111.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

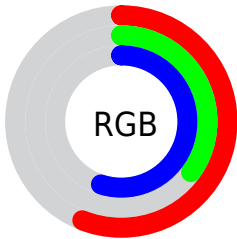
Format	Color
RYB	144, 90, 139
Decimal	9460363
CIELab	45.78, 30.20, -18.04
CIELCh	46, 35.178, 329.156
Yxy	15.1057, 0.3237, 0.2467
Android (android.graphics.Color)	4287650443 (0xFF905A8B)
YUV	111.7320, 13.4431, 28.2990
Hunter-Lab	38.8661, 23.0025, -12.9102

Details

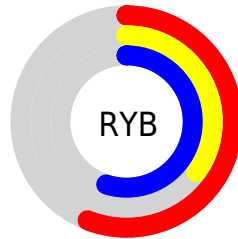
The XYZ color **19.8180, 15.1057, 26.2973** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.2559, 22.9470, 14.3998**, and the grayscale version is **15.2816, 16.0774, 17.5083**.

A 20% lighter version of the original color is **42.7037, 35.0421, 54.9652**, and **7.0448, 4.6525, 9.9779** is the 20% darker color. If you saturate the color by 10%, you get **18.6224, 12.8691, 25.4211**, and if you desaturate by 10%, it is **21.2511, 17.8148, 27.2589**.

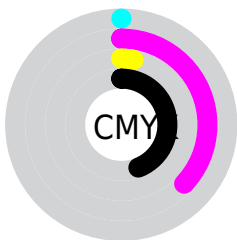
Distribution



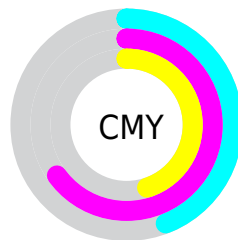
- Red (56%)
- Green (35%)
- Blue (55%)



- Red (56%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8180, 15.1057, 26.2973 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 19.8180, 15.1057, 26.2973 by changing the saturation by 10% instead.

■ 19.8180, 15.1057,
26.2973

■ 19.8180, 15.1057,
26.2973

243.7805,
224.0051, 297.8903

■ 12.3703, 8.8936,
16.8184

■ 42.6181, 35.0385,
54.7441

■ 7.0704, 4.6718,
9.9445

■ 58.7012, 49.5280,
74.5492

■ 3.5529, 2.0560,
5.2571

■ 78.3936, 67.5454,
98.6334

■ 1.4524, 0.6397,
2.3375

■ 102.0604, 89.4751,
127.4152

■ 0.2931, 0.0000,
0.7521

■ 130.0672,
115.7016, 161.3133

■ 0.0000, 0.0000,
0.0000

162.7793,

146.6091, 200.7461

200.5619,
182.5822, 246.1323

■ 19.8180, 15.1057,
26.2973

■ 19.8180, 15.1057,
26.2973

■ 18.6224, 12.8691,
25.4211

■ 21.2511, 17.8148,
27.2589

■ 17.6491, 11.0757,
24.6247

■ 22.9328, 21.0193,
28.3090

■ 16.8836, 9.6960,
23.9033

■ 24.8752, 24.7435,
29.4520

■ 16.3091, 8.6962,
23.2515

■ 27.0893, 29.0090,
30.6914

■ 15.9058, 8.0372,
22.6625

■ 29.5853, 33.8364,
32.0308

■ 15.6376, 7.6463,
22.1242

■ 32.3731, 39.2454,
33.4734

■ 15.5759, 7.5590,
21.9923

■ 35.4618, 45.2543,
35.0222

■ 38.8604, 51.8811,
36.6804

■ 42.5774, 59.1428,
38.4508

Harmonies

Analogous

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



17.3120, 15.1057, 35.1783



19.8180, 15.1057, 26.2973



20.8317, 15.1057, 16.6887

Triad

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



19.8180, 15.1057, 26.2973



14.4415, 15.1057, 4.9417



9.9395, 15.1057, 25.7329

Complementary

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



19.8180, 15.1057, 26.2973



16.2559, 22.9470, 14.3998

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.



9.3864, 15.1057, 16.2087



19.8180, 15.1057, 26.2973



11.7599, 15.1057, 5.9261

Square

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



19.8180, 15.1057, 26.2973



17.4769, 15.1057, 6.0485



10.0053, 15.1057, 9.4273



11.6333, 15.1057, 34.7814

Rectangle

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



19.8180, 15.1057, 26.2973



20.4313, 15.1057, 11.6586



10.0053, 15.1057, 9.4273



9.6253, 15.1057, 22.3955

Sweetspot

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



19.8185, 15.1064, 26.2976



42.5415, 41.0831, 51.1747



13.3584, 11.7329, 27.9466



9.6610, 9.2397, 11.6800



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.



19.8185, 15.1064, 26.2976



33.1506, 23.2662, 45.0701



18.1109, 14.4234, 17.3057



5.6050, 5.5025, 6.6841



13.5681, 6.5843, 19.1749



0.1338, 0.0646, 0.2047

Inverse Universe

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



19.8185, 15.1064, 26.2976



33.1506, 23.2662, 45.0701



17.6723, 23.5135, 21.8581



5.6050, 5.5025, 6.6841



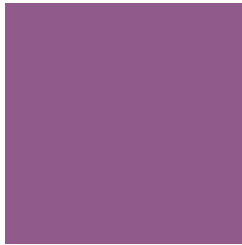
13.5681, 6.5843, 19.1749



0.1338, 0.0646, 0.2047

Previews

White Background



This preview shows how the XYZ color 19.8180, 15.1057, 26.2973 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



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 19.8180, 15.1057, 26.2973

Background



This preview shows how black text looks on a background with the XYZ color 19.8180, 15.1057, 26.2973.



This preview shows how white text looks on a background with the XYZ color 19.8180, 15.1057,

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

19.8180, 15.1057, 26.2973

Protanopia

15.6445, 15.2153, 31.8181

Deuteranopia

15.5273, 15.2962, 25.4266



Tritanopia

17.5886, 15.1243, 15.0890

Trichromacy



Original Color

19.8180, 15.1057, 26.2973

Protanomaly

16.7302, 14.9247, 29.6027

Deuteranomaly

16.7768, 15.0354, 25.6848

Tritanomaly

18.1981, 14.9525, 18.7566

Monochromacy



Original Color

19.8180, 15.1057, 26.2973

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.7753, 15.5909, 20.5375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8180, 15.1057, 26.2973 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(144, 90, 139)` looks like.

```
.text, #text, p{  
    color:rgb(144, 90, 139)  
}
```

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(144, 90, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 90, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.8180, 15.1057, 26.2973 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(144, 90, 139) }
```


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

```
.border{ border-color:rgb(144, 90, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 90, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 90, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 90, 139);  
box-shadow:4px 4px 4px 4px rgb(144, 90,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8180, 15.1057, 26.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 90, 139) }
```

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

```
.background{ background-color: rgb(144, 90,  
139) }
```

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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