

Converting Colors

XYZ(19.1952, 16.1996, 29.5568)

Have a look what the booklet for
XYZ(19.1952, 16.1996, 29.5568)
contains.

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Color

**XYZ(19.2802, 16.2392,
29.7221)**

Conversions

Conversions Part 1

Format	Color
Hex	836593
RGB	131, 101, 147
RGB Percent	51%, 40%, 58%
CMY	0.4863, 0.6039, 0.4235
CMYK	0.11, 0.31, 0.00, 0.42
HSL	279°, 19%, 49%
HSV	279°, 31%, 58%
XYZ	19.2802, 16.2392, 29.7221
YIQ	115.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

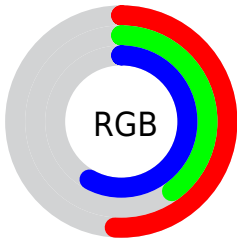
Format	Color
RYB	131, 101, 147
Decimal	8611219
CIELab	47.29, 21.00, -20.62
CIElCh	47, 29.431, 315.512
Yxy	16.2392, 0.2955, 0.2489
Android (android.graphics.Color)	4286801299 (0xFF836593)
YUV	115.2140, 15.6705, 13.8443
Hunter-Lab	40.2979, 14.8806, -15.5214

Details

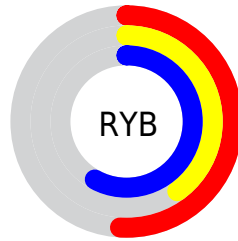
The XYZ color **19.2802, 16.2392, 29.7221** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1193, 25.5893, 16.1914**, and the grayscale version is **16.3143, 17.1639, 18.6915**.

A 20% lighter version of the original color is **41.7784, 36.9878, 60.1957**, and **6.8238, 5.2322, 11.7166** is the 20% darker color. If you saturate the color by 10%, you get **17.2062, 13.2377, 29.2523**, and if you desaturate by 10%, it is **21.6496, 19.7728, 30.2795**.

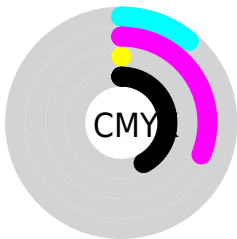
Distribution



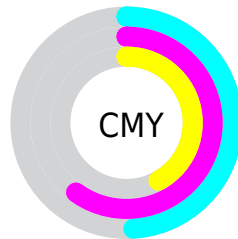
- Red (51%)
- Green (40%)
- Blue (58%)



- Red (51%)
- Yellow (40%)
- Blue (58%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2802, 16.2392, 29.7221 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 19.2802, 16.2392, 29.7221 by changing the saturation by 10% instead.

■ 19.2802, 16.2392,
29.7221

■ 19.2802, 16.2392,
29.7221

240.8998,
230.7491, 314.7738

■ 11.9781, 9.6936,
19.3775

■ 41.7203, 37.0130,
60.2782

■ 6.8009, 5.1963,
11.7638

■ 57.5890, 52.0099,
81.3268

■ 3.3831, 2.3629,
6.4625

■ 77.0439, 70.5927,
106.7805

■ 1.3594, 0.8067,
3.0550

■ 100.4504, 93.1458,
137.0578

■ 0.2271, 0.0000,
1.1228

128.1740,
120.0536, 172.5772

■ 0.0000, 0.0000,
0.0000

160.5798,

151.7005, 213.7573

198.0333,
188.4709, 261.0167

■ 19.2802, 16.2392,
29.7221

■ 19.2802, 16.2392,
29.7221

■ 17.2062, 13.2377,
29.2523

■ 21.6496, 19.7728,
30.2795

■ 15.4119, 10.7388,
28.8646

■ 24.3261, 23.8619,
30.9277

■ 13.8824, 8.7131,
28.5542

■ 27.3223, 28.5311,
31.6711

■ 12.6006, 7.1272,
28.3156

■ 30.6501, 33.8028,
32.5132

■ 11.5471, 5.9434,
28.1426

■ 34.3202, 39.6980,
33.4577

10.6992, 5.1172,
28.0279

38.3432, 46.2371,
34.5078

10.0767, 4.5863,
27.9582

42.7290, 53.4393,
35.6668

47.4873, 61.3229,
36.9377

52.6272, 69.9057,
38.3235

Harmonies

Analogous

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



16.8099, 16.2392, 35.3614



19.2802, 16.2392, 29.7221



20.7946, 16.2392, 21.5080

Triad

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



19.2802, 16.2392, 29.7221



16.7187, 16.2392, 7.1319



11.1042, 16.2392, 21.7909

Complementary

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



19.2802, 16.2392, 29.7221



20.1193, 25.5893, 16.1914

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.



11.0856, 16.2392, 14.3385



19.2802, 16.2392, 29.7221



14.1370, 16.2392, 7.1681

Square

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



19.2802, 16.2392, 29.7221



19.2070, 16.2392, 9.3128



12.1382, 16.2392, 9.4313



12.1921, 16.2392, 29.9787

Rectangle

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



19.2802, 16.2392, 29.7221



20.9606, 16.2392, 16.3426



12.1382, 16.2392, 9.4313



10.9771, 16.2392, 19.0921

Sweetspot

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



19.2807, 16.2399, 29.7225



44.6459, 44.4062, 55.6528



17.0068, 17.6198, 30.1087



10.0338, 9.8925, 12.6654



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2807, 16.2399, 29.7225



31.6978, 24.9692, 52.5835



21.4278, 17.4074, 27.0806



5.8415, 5.8093, 7.2832



8.7632, 3.9901, 24.2393



0.1392, 0.0653, 0.2982

Inverse Universe

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



19.8977, 16.7954, 19.0234



33.1180, 26.2107, 29.6405



18.5025, 24.7151, 17.9554



5.8791, 5.8467, 6.4696



10.9630, 5.5903, 3.2863



0.1471, 0.0736, 0.1083

Previews

White Background



This preview shows how the XYZ color 19.2802, 16.2392, 29.7221 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 19.2802, 16.2392, 29.7221 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 19.2802, 16.2392, 29.7221

Background



This preview shows how black text looks on a background with the XYZ color 19.2802, 16.2392, 29.7221.



This preview shows how white text looks on a background with the XYZ color 19.2802, 16.2392,

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

19.2802, 16.2392, 29.7221

Protanopia

16.6628, 16.3546, 32.8504

Deuteranopia

16.6306, 16.2604, 29.0501



Tritanopia

17.0143, 16.2120, 18.7555

Trichromacy



Original Color

19.2802, 16.2392, 29.7221

Protanomaly

17.3992, 16.1293, 31.4744

Deuteranomaly

17.5162, 16.2356, 29.4047

Tritanomaly

17.7844, 16.2247, 22.2730

Monochromacy



Original Color

19.2802, 16.2392, 29.7221

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2919, 16.7491, 22.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2802, 16.2392, 29.7221 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(131, 101, 147)` looks like.

```
.text, #text, p{  
    color:rgb(131, 101, 147)  
}
```

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(131, 101, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 101, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.2802, 16.2392, 29.7221 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(131, 101, 147) }
```


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

```
.border{ border-color:rgb(131, 101, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 101, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 101, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 101, 147); box-shadow:4px 4px 4px 4px rgb(131, 101, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2802, 16.2392, 29.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 101, 147) }
```

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

```
.background{ background-color: rgb(131,  
101, 147) }
```

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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