

Converting Colors

XYZ(19.0742, 15.3574, 27.4509)

Have a look what the booklet for
XYZ(19.0742, 15.3574, 27.4509)
contains.

XYZ(19.1280, 15.3717, 27.5501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.1280, 15.3717,
27.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	885F8E
RGB	136, 95, 142
RGB Percent	53%, 37%, 56%
CMY	0.4667, 0.6274, 0.4431
CMYK	0.04, 0.33, 0.00, 0.44
HSL	292°, 20%, 46%
HSV	292°, 33%, 56%
XYZ	19.1280, 15.3717, 27.5501
YIQ	112.6170, 9.3490, 23.3090

Conversions

Conversions Part 2

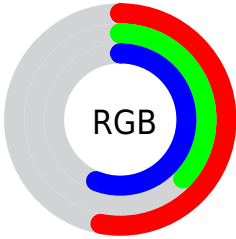
Format	Color
RYB	136, 95, 142
Decimal	8937358
CIELab	46.14, 25.17, -19.36
CIELCh	46, 31.753, 322.428
Yxy	15.3717, 0.3083, 0.2477
Android (android.graphics.Color)	4287127438 (0xFF885F8E)
YUV	112.6170, 14.4858, 20.5069
Hunter-Lab	39.2068, 18.4739, -14.2176

Details

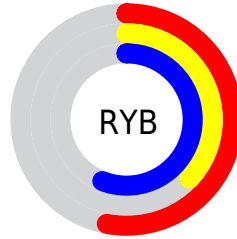
The XYZ color **19.1280, 15.3717, 27.5501** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1061, 22.9394, 14.3535**, and the grayscale version is **15.5398, 16.3491, 17.8041**.

A 20% lighter version of the original color is **41.4779, 35.4904, 56.8888**, and **6.7350, 4.8179, 10.7002** is the 20% darker color. If you saturate the color by 10%, you get **17.6718, 12.8925, 27.1485**, and if you desaturate by 10%, it is **20.8233, 18.3212, 28.0303**.

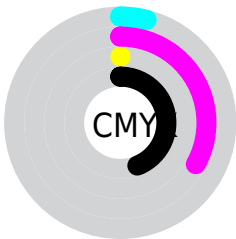
Distribution



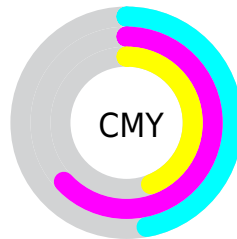
- Red (53%)
- Green (37%)
- Blue (56%)



- Red (53%)
- Yellow (37%)
- Blue (56%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1280, 15.3717, 27.5501 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 19.1280, 15.3717, 27.5501 by changing the saturation by 10% instead.

■ 19.1280, 15.3717,
27.5501

■ 19.1280, 15.3717,
27.5501

240.0791,
225.6051, 304.1548

■ 11.8674, 9.0807,
17.7507

■ 41.4655, 35.5039,
56.7798

■ 6.7250, 4.7938,
10.6036

■ 57.2730, 50.1139,
77.0471

■ 3.3355, 2.1268,
5.6901

■ 76.6603, 68.2657,
101.6409

■ 1.3336, 0.6796,
2.5919

■ 99.9925, 90.3437,
130.9796

■ 0.2081, 0.0000,
0.8883

127.6352,
116.7322, 165.4819

■ 0.0000, 0.0000,
0.0000

159.9536,

147.8157, 205.5661

197.3131,
183.9785, 251.6509

■ 19.1280, 15.3717,
27.5501

■ 19.1280, 15.3717,
27.5501

■ 17.6718, 12.8925,
27.1485

■ 20.8233, 18.3212,
28.0303

■ 16.4406, 10.8561,
26.8204

■ 22.7680, 21.7624,
28.5920

■ 15.4209, 9.2355,
26.5613

■ 24.9736, 25.7178,
29.2392

■ 14.5973, 7.9998,
26.3662

■ 27.4504, 30.2081,
29.9754

■ 13.9521, 7.1135,
26.2291

■ 30.2080, 35.2525,
30.8037

■ 13.4643, 6.5351,
26.1432

■ 33.2558, 40.8697,
31.7273

■ 13.1761, 6.2285,
26.0992

■ 36.6025, 47.0772,
32.7491

■ 40.2566, 53.8919,
33.8719

■ 44.2262, 61.3298,
35.0983

Harmonies

Analogous

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



16.6839, 15.3717, 34.6061



19.1280, 15.3717, 27.5501



20.3904, 15.3717, 18.7757

Triad

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



19.1280, 15.3717, 27.5501



15.3058, 15.3717, 5.8948



10.3142, 15.3717, 23.0812

Complementary

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



19.1280, 15.3717, 27.5501



17.1061, 22.9394, 14.3535

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.



10.0410, 15.3717, 14.8518



19.1280, 15.3717, 27.5501



12.7161, 15.3717, 6.4056

Square

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



19.1280, 15.3717, 27.5501



18.0134, 15.3717, 7.4958



10.8667, 15.3717, 9.2040



11.6654, 15.3717, 31.5201

Rectangle

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



19.1280, 15.3717, 27.5501



20.2950, 15.3717, 13.7343



10.8667, 15.3717, 9.2040



10.1006, 15.3717, 20.1486

Sweetspot

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



19.1285, 15.3724, 27.5504



41.2244, 40.2956, 50.7329



14.2822, 13.7460, 27.4919



9.1043, 8.8155, 11.3011



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.



19.1285, 15.3724, 27.5504



31.7085, 23.6548, 48.0225



18.9349, 15.4107, 21.3011



5.5595, 5.4766, 6.7928



11.8407, 5.5977, 23.4335



0.1254, 0.0598, 0.2246

Inverse Universe

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



17.5971, 14.8756, 14.2567



28.6268, 22.6723, 20.4894



17.3306, 22.9544, 18.9154



5.4352, 5.4346, 5.7896



10.1190, 5.2046, 1.0121



0.1011, 0.0515, 0.0327

Previews

White Background



This preview shows how the XYZ color 19.1280, 15.3717, 27.5501 looks on a white background.

Color Contrast Check

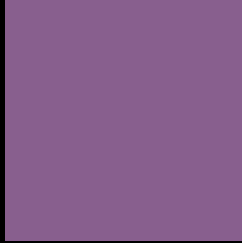
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1280, 15.3717, 27.5501 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 19.1280, 15.3717, 27.5501

Background



This preview shows how black text looks on a background with the XYZ color 19.1280, 15.3717, 27.5501.



This preview shows how white text looks on a background with the XYZ color 19.1280, 15.3717,

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

19.1280, 15.3717, 27.5501

Protanopia

15.8539, 15.4789, 31.8579

Deuteranopia

15.8051, 15.5616, 26.9816



Tritanopia

16.8718, 15.4322, 16.5575

Trichromacy



Original Color

19.1280, 15.3717, 27.5501

Protanomaly

16.7511, 15.2181, 30.0715

Deuteranomaly

16.8604, 15.3366, 27.2709

Tritanomaly

17.5859, 15.2907, 20.1137

Monochromacy



Original Color

19.1280, 15.3717, 27.5501

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6773, 15.8283, 21.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1280, 15.3717, 27.5501 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(136, 95, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 95, 142)  
}
```

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(136, 95, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 95, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.1280, 15.3717, 27.5501 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(136, 95, 142) }
```


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

```
.border{ border-color:rgb(136, 95, 142) }
```

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

Here you see how a box with a 4 pixel rgb(136, 95, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 95, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 95, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 95,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1280, 15.3717, 27.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 95, 142) }
```

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

```
.background{ background-color: rgb(136, 95,  
142) }
```

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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