

Converting Colors

XYZ(19.6079, 15.4765, 27.9420)

Have a look what the booklet for
XYZ(19.6079, 15.4765, 27.9420)
contains.

XYZ(19.6081, 15.4775, 27.9406)	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(19.6081, 15.4775,
27.9406)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5E8F
RGB	139, 94, 143
RGB Percent	55%, 37%, 56%
CMY	0.4549, 0.6314, 0.4392
CMYK	0.03, 0.34, 0.00, 0.44
HSL	295°, 21%, 46%
HSV	295°, 34%, 56%
XYZ	19.6081, 15.4775, 27.9406
YIQ	113.0410, 11.0910, 24.7790

Conversions

Conversions Part 2

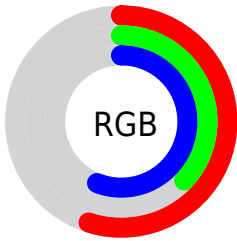
Format	Color
R_{YB}	139, 94, 143
Decimal	9133711
CIE _{Lab}	46.28, 26.99, -19.71
CIE _{LCh}	46, 33.418, 323.854
Yxy	15.4775, 0.3111, 0.2456
Android (android.graphics.Color)	4287323791 (0xFF8B5E8F)
YUV	113.0410, 14.7698, 22.7660
Hunter-Lab	39.3415, 20.1183, -14.5692

Details

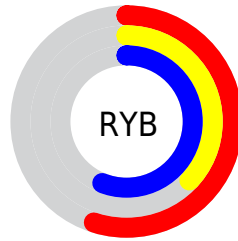
The XYZ color **19.6081, 15.4775, 27.9406** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8803, 23.0501, 14.1498**, and the grayscale version is **15.6638, 16.4796, 17.9463**.

A 20% lighter version of the original color is **42.1958, 35.6195, 57.4746**, and **6.9773, 4.8190, 10.9183** is the 20% darker color. If you saturate the color by 10%, you get **18.2587, 13.0662, 27.5465**, and if you desaturate by 10%, it is **21.1962, 18.3624, 28.4140**.

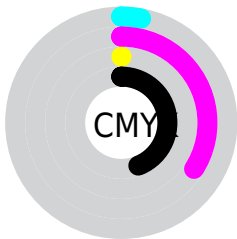
Distribution



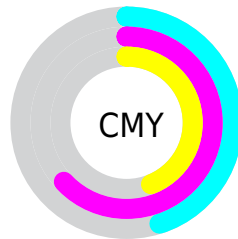
- Red (55%)
- Green (37%)
- Blue (56%)



- Red (55%)
- Yellow (37%)
- Blue (56%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6081, 15.4775, 27.9406 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 19.6081, 15.4775, 27.9406 by changing the saturation by 10% instead.

■ 19.6081, 15.4775,
27.9406

■ 19.6081, 15.4775,
27.9406

242.6598,
226.2385, 306.0860

■ 12.2171, 9.1552,
18.0422

■ 42.2681, 35.6887,
57.4116

■ 6.9650, 4.8425,
10.8106

■ 58.2679, 50.3464,
77.8212

■ 3.4863, 2.1552,
5.8270

■ 77.8679, 68.5513,
102.5717

■ 1.4159, 0.6954,
2.6731

■ 101.4336, 90.6879,
132.0816

■ 0.2675, 0.0000,
0.9298

129.3302,
117.1405, 166.7695

■ 0.0000, 0.0000,
0.0000

161.9232,

148.2935, 207.0538

199.5780,
184.5314, 253.3531

■ 19.6081, 15.4775,
27.9406

■ 19.6081, 15.4775,
27.9406

■ 18.2587, 13.0662,
27.5465

■ 21.1962, 18.3624,
28.4140

■ 17.1335, 11.1004,
27.2264

■ 23.0334, 21.7430,
28.9697

■ 16.2186, 9.5523,
26.9758

■ 25.1317, 25.6423,
29.6117

■ 15.4980, 8.3898,
26.7894

■ 27.5013, 30.0814,
30.3437

■ 14.9536, 7.5764,
26.6611

■ 30.1524, 35.0803,
31.1688

■ 14.5624, 7.0666,
26.5833

■ 33.0944, 40.6577,
32.0903

■ 14.3690, 6.8348,
26.5487

■ 36.3362, 46.8316,
33.1111

■ 39.8864, 53.6194,
34.2342

■ 43.7534, 61.0374,
35.4622

Harmonies

Analogous

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



17.0463, 15.4775, 35.7263



19.6081, 15.4775, 27.9406



20.8770, 15.4775, 18.5936

Triad

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



19.6081, 15.4775, 27.9406



15.3069, 15.4775, 5.5502



10.2367, 15.4775, 24.0496

Complementary

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



19.6081, 15.4775, 27.9406



16.8803, 23.0501, 14.1498

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.



9.8969, 15.4775, 15.2234



19.6081, 15.4775, 27.9406



12.5991, 15.4775, 6.1697

Square

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



19.6081, 15.4775, 27.9406



18.1951, 15.4775, 7.0725



10.7056, 15.4775, 9.1712



11.7025, 15.4775, 33.0180

Rectangle

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



19.6081, 15.4775, 27.9406



20.7155, 15.4775, 13.3587



10.7056, 15.4775, 9.1712



9.9957, 15.4775, 20.9075

Sweetspot

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



19.6086, 15.4782, 27.9409



42.7144, 41.6538, 52.3267



13.9501, 13.1145, 27.7829



9.6890, 9.3547, 11.9672



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.



19.6086, 15.4782, 27.9409



33.2402, 24.3602, 49.4881



18.8800, 15.2653, 20.5543



5.5835, 5.4890, 6.7940



12.7131, 6.0474, 23.4743



0.1299, 0.0621, 0.2248

Inverse Universe

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



17.5354, 14.7275, 13.4743



28.9994, 22.8351, 19.4199



17.5001, 23.2494, 19.6100



5.4256, 5.4308, 5.7395



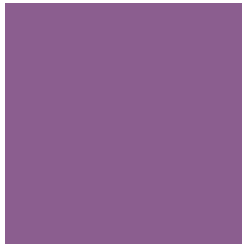
10.0764, 5.1876, 0.7878



0.0992, 0.0507, 0.0225

Previews

White Background



This preview shows how the XYZ color 19.6081, 15.4775, 27.9406 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 19.6081, 15.4775, 27.9406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

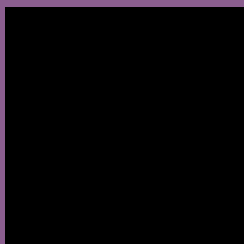
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6081, 15.4775, 27.9406

Background



This preview shows how black text looks on a background with the XYZ color 19.6081, 15.4775, 27.9406.



This preview shows how white text looks on a background with the XYZ color 19.6081, 15.4775,

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

19.6081, 15.4775, 27.9406

Protanopia

16.0192, 15.5450, 32.7280

Deuteranopia

15.9219, 15.6218, 26.9871



Tritanopia

17.2455, 15.4798, 16.5470

Trichromacy



Original Color

19.6081, 15.4775, 27.9406

Protanomaly

17.0374, 15.3472, 30.9185

Deuteranomaly

16.9941, 15.4055, 27.2772

Tritanomaly

17.9722, 15.3501, 20.1048

Monochromacy



Original Color

19.6081, 15.4775, 27.9406

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.8182, 15.9009, 21.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6081, 15.4775, 27.9406 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(139, 94, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 94, 143)  
}
```

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(139, 94, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 94, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.6081, 15.4775, 27.9406 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(139, 94, 143) }
```


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

```
.border{ border-color:rgb(139, 94, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 94, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 94, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 94, 143);  
box-shadow:4px 4px 4px 4px rgb(139, 94,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6081, 15.4775, 27.9406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 94, 143) }
```

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

```
.background{ background-color: rgb(139, 94,  
143) }
```

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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