

Converting Colors

XYZ(19.5439, 17.0761, 28.4368)

Have a look what the booklet for
XYZ(19.5439, 17.0761, 28.4368)
contains.

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Color

**XYZ(19.6277, 17.1968,
28.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	846A8F
RGB	132, 106, 143
RGB Percent	52%, 42%, 56%
CMY	0.4823, 0.5843, 0.4392
CMYK	0.08, 0.26, 0.00, 0.44
HSL	282°, 15%, 49%
HSV	282°, 26%, 56%
XYZ	19.6277, 17.1968, 28.2714
YIQ	117.9920, 3.6190, 17.0190

Conversions

Conversions Part 2

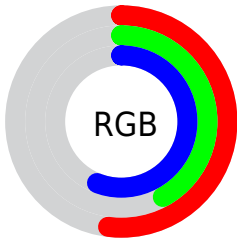
Format	Color
R_{YB}	132, 106, 143
Decimal	8678031
CIE _{Lab}	48.51, 17.49, -16.37
CIE _{LCh}	49, 23.959, 316.889
Yxy	17.1968, 0.3015, 0.2642
Android (android.graphics.Color)	4286868111 (0xFF846A8F)
YUV	117.9920, 12.3289, 12.2850
Hunter-Lab	41.4690, 11.9150, -11.3925

Details

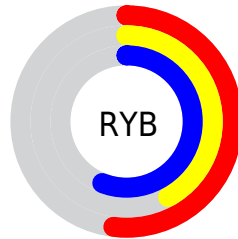
The XYZ color **19.6277, 17.1968, 28.2714** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.7607, 24.4679, 17.3178**, and the grayscale version is **17.1797, 18.0744, 19.6830**.

A 20% lighter version of the original color is **42.1426, 38.4594, 58.0256**, and **6.9685, 5.6103, 11.0715** is the 20% darker color. If you saturate the color by 10%, you get **17.6239, 14.1559, 27.7903**, and if you desaturate by 10%, it is **21.9054, 20.7446, 28.8364**.

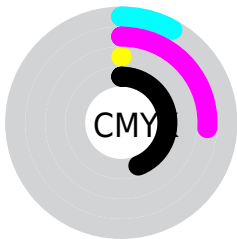
Distribution



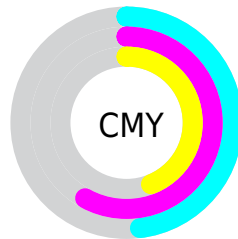
- Red (52%)
- Green (42%)
- Blue (56%)



- Red (52%)
- Yellow (42%)
- Blue (56%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6277, 17.1968, 28.2714 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 19.6277, 17.1968, 28.2714 by changing the saturation by 10% instead.

■ 19.6277, 17.1968,
28.2714

■ 19.6277, 17.1968,
28.2714

242.7646,
236.3039, 307.7141

■ 12.2314, 10.3749,
18.2895

■ 42.3008, 38.6638,
57.9458

■ 6.9748, 5.6482,
10.9865

■ 58.3084, 54.0778,
78.4753

■ 3.4925, 2.6324,
5.9437

■ 77.9170, 73.1245,
103.3579

■ 1.4193, 0.9430,
2.7426

■ 101.4922, 96.1884,
133.0119

■ 0.2699, 0.0000,
0.9648

129.3991,
123.6539, 167.8560

■ 0.0000, 0.0000,
0.0000

162.0033,

155.9054, 208.3088

199.6700,
193.3273, 254.7886

■ 19.6277, 17.1968,
28.2714

■ 19.6277, 17.1968,
28.2714

■ 17.6239, 14.1559,
27.7903

■ 21.9054, 20.7446,
28.8364

■ 15.8800, 11.5953,
27.3880

■ 24.4670, 24.8200,
29.4880

■ 14.3829, 9.4891,
27.0604

■ 27.3241, 29.4450,
30.2302

■ 13.1177, 7.8079,
26.8025

■ 30.4870, 34.6401,
31.0662

■ 12.0679, 6.5191,
26.6091

■ 33.9654, 40.4242,
31.9993

■ 11.2143, 5.5851,
26.4738

■ 37.7688, 46.8157,
33.0325

■ 10.5289, 4.9502,
26.3874

■ 41.9060, 53.8321,
34.1688

■ 10.2675, 4.7203,
26.3568

■ 46.3857, 61.4900,
35.4108

■ 51.2162, 69.8058,
36.7613

Harmonies

Analogous

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



17.6035, 17.1968, 32.8539



19.6277, 17.1968, 28.2714



20.8151, 17.1968, 21.6056

Triad

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



19.6277, 17.1968, 28.2714



17.3223, 17.1968, 9.2388



12.6262, 17.1968, 22.4645

Complementary

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



19.6277, 17.1968, 28.2714



19.7607, 24.4679, 17.3178

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.



12.5656, 17.1968, 16.1115



19.6277, 17.1968, 28.2714



15.1480, 17.1968, 9.3683

Square

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



19.6277, 17.1968, 28.2714



19.4060, 17.1968, 11.2069



13.4505, 17.1968, 11.6123



13.6242, 17.1968, 29.0204

Rectangle

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



19.6277, 17.1968, 28.2714



20.9088, 17.1968, 17.3101



13.4505, 17.1968, 11.6123



12.4989, 17.1968, 20.2137

Sweetspot

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



19.6282, 17.1975, 28.2718



42.7165, 42.6863, 52.5259



17.2754, 17.7940, 28.5109



9.6462, 9.5500, 12.0071



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.



19.6282, 17.1975, 28.2718



33.0169, 27.5402, 50.1136



20.8978, 17.9147, 25.5006



5.4723, 5.4316, 6.7888



9.0999, 4.1848, 23.3052



0.1092, 0.0515, 0.2239

Inverse Universe

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



19.6932, 17.4328, 19.1573



33.2205, 28.0751, 30.6992



18.7701, 23.9108, 19.3678



5.4708, 5.4488, 5.9770



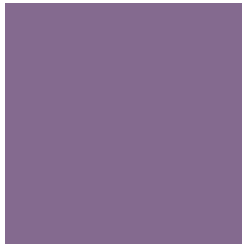
10.4019, 5.3178, 2.5018



0.1082, 0.0543, 0.0701

Previews

White Background



This preview shows how the XYZ color 19.6277, 17.1968, 28.2714 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 19.6277, 17.1968, 28.2714 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 19.6277, 17.1968, 28.2714

Background



This preview shows how black text looks on a background with the XYZ color 19.6277, 17.1968, 28.2714.



This preview shows how white text looks on a background with the XYZ color 19.6277, 17.1968,

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

19.6277, 17.1968, 28.2714

Protanopia

17.3860, 17.2687, 30.8506

Deuteranopia

17.5977, 17.2740, 27.9979



Tritanopia

17.8078, 17.0730, 19.8096

Trichromacy



Original Color

19.6277, 17.1968, 28.2714

Protanomaly

18.0211, 17.1203, 29.9585

Deuteranomaly

18.2041, 17.0979, 27.9320

Tritanomaly

18.4182, 17.1629, 22.7641

Monochromacy



Original Color

19.6277, 17.1968, 28.2714

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.0165, 17.7779, 22.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6277, 17.1968, 28.2714 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(132, 106, 143)` looks like.

```
.text, #text, p{  
    color:rgb(132, 106, 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(132, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 106, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.6277, 17.1968, 28.2714 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(132, 106, 143) }
```


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

```
.border{ border-color:rgb(132, 106, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 106, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 106, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 106, 143); box-shadow:4px 4px 4px 4px rgb(132, 106, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6277, 17.1968, 28.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 106, 143) }
```

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

```
.background{ background-color: rgb(132,  
106, 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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