

Converting Colors

XYZ(21.9111, 17.5015, 27.3357)

Have a look what the booklet for
XYZ(21.9111, 17.5015, 27.3357)
contains.

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Color

**XYZ(21.9426, 17.5215,
27.4248)**

Conversions

Conversions Part 1

Format	Color
Hex	96648D
RGB	150, 100, 141
RGB Percent	59%, 39%, 55%
CMY	0.4118, 0.6078, 0.4471
CMYK	0.00, 0.33, 0.06, 0.41
HSL	311°, 20%, 49%
HSV	311°, 33%, 59%
XYZ	21.9426, 17.5215, 27.4248
YIQ	119.6240, 16.6390, 23.3510

Conversions

Conversions Part 2

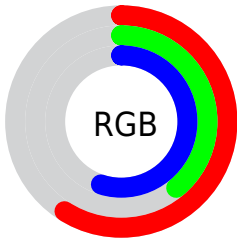
Format	Color
R _Y B	150, 100, 141
Decimal	9856141
CIE Lab	48.91, 26.94, -14.39
CIE LCh	49, 30.544, 331.890
Yxy	17.5215, 0.3280, 0.2619
Android (android.graphics.Color)	4288046221 (0xFF96648D)
YUV	119.6240, 10.5384, 26.6398
Hunter-Lab	41.8587, 20.3182, -9.5443

Details

The XYZ color **21.9426, 17.5215, 27.4248** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9230, 25.6267, 18.4182**, and the grayscale version is **17.6969, 18.6186, 20.2756**.

A 20% lighter version of the original color is **46.2554, 39.3757, 56.7921**, and **8.1533, 5.8080, 10.5889** is the 20% darker color. If you saturate the color by 10%, you get **20.4359, 14.8254, 25.9434**, and if you desaturate by 10%, it is **23.7202, 20.7509, 29.0210**.

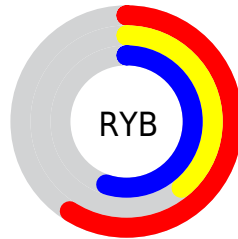
Distribution



Red (59%)

Green (39%)

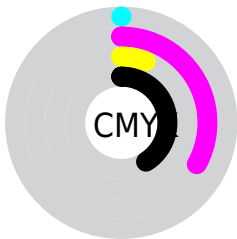
Blue (55%)



Red (59%)

Yellow (39%)

Blue (55%)

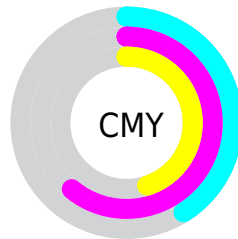


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (41%)



Cyan (41%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9426, 17.5215, 27.4248 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 21.9426, 17.5215, 27.4248 by changing the saturation by 10% instead.

■ 21.9426, 17.5215,
27.4248

■ 21.9426, 17.5215,
27.4248

254.8844,
238.1600, 303.5331

■ 13.9311, 10.6070,
17.6573

■ 46.1307, 39.2203,
56.5768

■ 8.1541, 5.8032,
10.5373

■ 63.0379, 54.7733,
76.7983

■ 4.2464, 2.7258,
5.6464

■ 83.6412, 73.9747,
101.3416

■ 1.8424, 0.9903,
2.5660

■ 108.3058, 97.2088,
130.6252

■ 0.5430, 0.0000,
0.8748

137.3970,
124.8599, 165.0675

■ 0.0000, 0.0000,
0.0000

171.2803,

157.3126, 205.0873

210.3210,
194.9511, 251.1030

■ 21.9426, 17.5215,
27.4248

■ 21.9426, 17.5215,
27.4248

■ 20.4359, 14.8254,
25.9434

■ 23.7202, 20.7509,
29.0210

■ 19.1838, 12.6311,
24.5708

■ 25.7806, 24.5383,
30.7356

■ 18.1709, 10.9075,
23.3017

■ 28.1368, 28.9093,
32.5733

■ 17.3794, 9.6190,
22.1301

■ 30.8006, 33.8877,
34.5383

■ 16.7889, 8.7249,
21.0489

■ 33.7833, 39.4955,
36.6343

■ 16.3753, 8.1768,
20.0501

■ 37.0953, 45.7541,
38.8651

■ 16.1529, 7.9141,
19.4146

■ 40.7468, 52.6835,
41.2343

■ 44.7475, 60.3030,
43.7451

■ 49.1066, 68.6310,
46.4009

Harmonies

Analogous

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



19.7044, 17.5215, 35.6515



21.9426, 17.5215, 27.4248



22.7213, 17.5215, 18.5675

Triad

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



21.9426, 17.5215, 27.4248



16.4745, 17.5215, 7.3373



12.4387, 17.5215, 28.5769

Complementary

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



21.9426, 17.5215, 27.4248



18.9230, 25.6267, 18.4182

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.



11.7756, 17.5215, 19.5977



21.9426, 17.5215, 27.4248



13.9353, 17.5215, 8.6512

Square

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



21.9426, 17.5215, 27.4248



19.3580, 17.5215, 8.3507



12.2912, 17.5215, 12.6239



14.2137, 17.5215, 36.4387

Rectangle

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



21.9426, 17.5215, 27.4248



22.2446, 17.5215, 13.8268



12.2912, 17.5215, 12.6239



12.0881, 17.5215, 25.5142

Sweetspot

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



21.9431, 17.5223, 27.4252



46.7425, 45.6089, 55.2336



16.2880, 14.5264, 30.7999



10.2459, 9.8985, 12.1511



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.



21.9431, 17.5223, 27.4252



36.6970, 27.2873, 46.4302



20.3269, 16.8758, 18.9139



5.9910, 5.8915, 7.0587



13.4073, 6.5680, 16.1579



0.1735, 0.0841, 0.2473

Inverse Universe

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



21.9431, 17.5223, 27.4252



36.6970, 27.2873, 46.4302



20.4193, 26.2253, 26.2977



5.9910, 5.8915, 7.0587



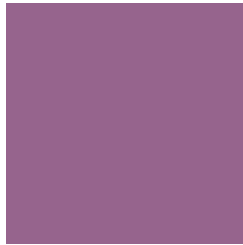
13.4073, 6.5680, 16.1579



0.1735, 0.0841, 0.2473

Previews

White Background



This preview shows how the XYZ color 21.9426, 17.5215, 27.4248 looks on a white background.

Color Contrast Check

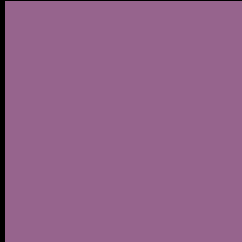
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9426, 17.5215, 27.4248 looks on a black 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

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

XYZ 21.9426, 17.5215, 27.4248

Background



This preview shows how black text looks on a background with the XYZ color 21.9426, 17.5215, 27.4248.



This preview shows how white text looks on a background with the XYZ color 21.9426, 17.5215,

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

21.9426, 17.5215, 27.4248

Protanopia

17.8616, 17.6543, 32.1720

Deuteranopia

17.9409, 17.6515, 26.5063



Tritanopia

20.0648, 17.4984, 17.9428

Trichromacy



Original Color

21.9426, 17.5215, 27.4248

Protanomaly

19.0896, 17.5009, 30.3889

Deuteranomaly

19.1821, 17.4685, 26.7868

Tritanomaly

20.6381, 17.4265, 21.0148

Monochromacy



Original Color

21.9426, 17.5215, 27.4248

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.1615, 18.1941, 22.9240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9426, 17.5215, 27.4248 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(150, 100, 141)` looks like.

```
.text, #text, p{  
    color:rgb(150, 100, 141)  
}
```

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(150, 100, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 100, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.9426, 17.5215, 27.4248 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(150, 100, 141) }
```


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

```
.border{ border-color:rgb(150, 100, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 100, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 100, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 100, 141);  
box-shadow:4px 4px 4px 4px rgb(150, 100,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9426, 17.5215, 27.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 100, 141) }
```

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

```
.background{ background-color: rgb(150,  
100, 141) }
```

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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