

Converting Colors

XYZ(17.5072, 14.3268, 23.8883)

Have a look what the booklet for
XYZ(17.5072, 14.3268, 23.8883)
contains.

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Color

**XYZ(17.5081, 14.3475,
24.0369)**

Conversions

Conversions Part 1

Format	Color
Hex	835D85
RGB	131, 93, 133
RGB Percent	51%, 36%, 52%
CMY	0.4863, 0.6353, 0.4784
CMYK	0.02, 0.30, 0.00, 0.48
HSL	297°, 18%, 44%
HSV	297°, 30%, 52%
XYZ	17.5081, 14.3475, 24.0369
YIQ	108.9220, 9.8080, 20.4960

Conversions

Conversions Part 2

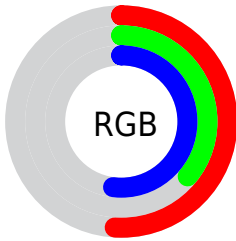
Format	Color
R _Y B	131, 93, 133
Decimal	8609157
CIE Lab	44.73, 22.74, -16.17
CIE LCh	45, 27.902, 324.576
Yxy	14.3475, 0.3132, 0.2567
Android (android.graphics.Color)	4286799237 (0xFF835D85)
YUV	108.9220, 11.8705, 19.3624
Hunter-Lab	37.8781, 16.2200, -11.1099

Details

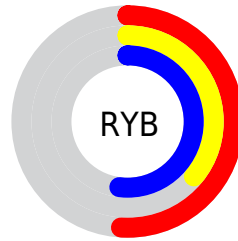
The XYZ color **17.5081, 14.3475, 24.0369** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.0832, 19.9987, 13.4218**, and the grayscale version is **14.4796, 15.2337, 16.5895**.

A 20% lighter version of the original color is **38.8438, 33.8060, 50.9323**, and **5.9317, 4.3279, 8.7063** is the 20% darker color. If you saturate the color by 10%, you get **16.3382, 12.1599, 23.6765**, and if you desaturate by 10%, it is **18.8826, 16.9428, 24.4656**.

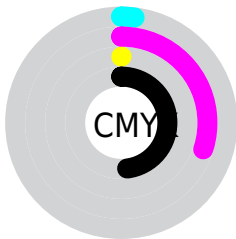
Distribution



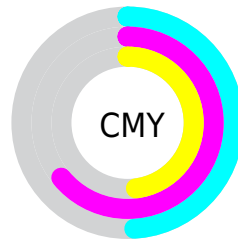
- Red (51%)
- Green (36%)
- Blue (52%)



- Red (51%)
- Yellow (36%)
- Blue (52%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5081, 14.3475, 24.0369 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 17.5081, 14.3475, 24.0369 by changing the saturation by 10% instead.

■ 17.5081, 14.3475,
24.0369

■ 17.5081, 14.3475,
24.0369

231.1832,
219.3821, 286.2995

■ 10.6950, 8.3628,
15.1485

■ 38.7340, 33.7044,
51.0350

■ 5.9279, 4.3279,
8.7759

■ 53.8775, 47.8453,
69.9818

■ 2.8415, 1.8586,
4.5005

■ 72.5285, 65.4737,
93.1185

■ 1.0705, 0.5233,
1.9037

■ 95.0523, 86.9740,
120.8637

■ 0.0002, 0.0000,
0.4951

121.8144,
112.7306, 153.6358

■ 0.0000, 0.0000,
0.0000

153.1800,

143.1278, 191.8535

189.5145,
178.5502, 235.9352

■ 17.5081, 14.3475,
24.0369

■ 17.5081, 14.3475,
24.0369

■ 16.3382, 12.1599,
23.6765

■ 18.8826, 16.9428,
24.4656

■ 15.3611, 10.3570,
23.3800

■ 20.4701, 19.9635,
24.9650

■ 14.5657, 8.9167,
23.1439

■ 22.2802, 23.4283,
25.5384

■ 13.9394, 7.8135,
22.9640

■ 24.3215, 27.3546,
26.1886

■ 13.4678, 7.0189,
22.8355

■ 26.6021, 31.7584,
26.9185

■ 13.1343, 6.4994,
22.7528

■ 29.1298, 36.6555,
27.7305

■ 12.8898, 6.1559,
22.6994

■ 31.9119, 42.0605,
28.6271

■ 34.9556, 47.9875,
29.6107

■ 38.2676, 54.4503,
30.6836

Harmonies

Analogous

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



15.5321, 14.3475, 29.9549



17.5081, 14.3475, 24.0369



18.4552, 14.3475, 16.8326

Triad

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



17.5081, 14.3475, 24.0369



14.0533, 14.3475, 6.1955



10.0430, 14.3475, 21.4132

Complementary

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



17.5081, 14.3475, 24.0369



15.0832, 19.9987, 13.4218

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.



9.7399, 14.3475, 14.4708



17.5081, 14.3475, 24.0369



11.9024, 14.3475, 6.7943

Square

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



17.5081, 14.3475, 24.0369



16.3240, 14.3475, 7.4948



10.3830, 14.3475, 9.4435



11.2621, 14.3475, 28.1693

Rectangle

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



17.5081, 14.3475, 24.0369



18.3078, 14.3475, 12.6850



10.3830, 14.3475, 9.4435



9.8368, 14.3475, 18.9805

Sweetspot

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



17.5086, 14.3481, 24.0372



36.9230, 36.2571, 44.7907



12.8407, 12.2058, 23.8697



8.2317, 8.0029, 10.0635



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.5086, 14.3481, 24.0372



29.9014, 22.9735, 42.5967



16.6822, 14.0537, 18.0536



4.8355, 4.7513, 5.8630



12.2797, 5.8646, 21.6215



0.0443, 0.0212, 0.0750

Inverse Universe

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



15.6533, 13.6422, 12.6353



26.0468, 21.5107, 18.7277



15.7715, 20.2503, 18.1170



4.6813, 4.6922, 4.9341



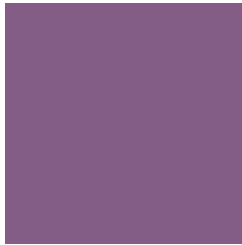
9.2492, 4.7640, 0.6188



0.0326, 0.0167, 0.0052

Previews

White Background



This preview shows how the XYZ color 17.5081, 14.3475, 24.0369 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 17.5081, 14.3475, 24.0369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

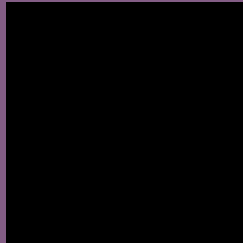
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5081, 14.3475, 24.0369

Background



This preview shows how black text looks on a background with the XYZ color 17.5081, 14.3475, 24.0369.



This preview shows how white text looks on a background with the XYZ color 17.5081, 14.3475,

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

17.5081, 14.3475, 24.0369

Protanopia

14.7579, 14.5429, 27.6204

Deuteranopia

14.7560, 14.4824, 23.4904



Tritanopia

15.7216, 14.2880, 15.5649

Trichromacy



Original Color

17.5081, 14.3475, 24.0369

Protanomaly

15.6206, 14.4227, 26.3867

Deuteranomaly

15.6615, 14.3577, 23.7757

Tritanomaly

16.2373, 14.2159, 18.4111

Monochromacy



Original Color

17.5081, 14.3475, 24.0369

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4564, 14.7904, 19.1797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5081, 14.3475, 24.0369 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, 93, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 93, 133)  
}
```

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, 93, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 93, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.5081, 14.3475, 24.0369 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, 93, 133) }
```


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

```
.border{ border-color:rgb(131, 93, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 93, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 93, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 93, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 93,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5081, 14.3475, 24.0369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 93, 133) }
```

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

```
.background{ background-color: rgb(131, 93,  
133) }
```

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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