

Converting Colors

XYZ(19.2483, 17.5423, 25.0022)

Have a look what the booklet for
XYZ(19.2483, 17.5423, 25.0022)
contains.

XYZ(19.2874, 17.5640, 24.9279)	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(19.2874, 17.5640,
24.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	846D86
RGB	132, 109, 134
RGB Percent	52%, 43%, 53%
CMY	0.4823, 0.5725, 0.4745
CMYK	0.01, 0.19, 0.00, 0.47
HSL	295°, 10%, 48%
HSV	295°, 19%, 53%
XYZ	19.2874, 17.5640, 24.9279
YIQ	118.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

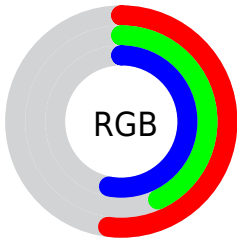
Format	Color
R_{YB}	132, 109, 134
Decimal	8678790
CIE Lab	48.96, 13.81, -10.35
CIE LCh	49, 17.253, 323.158
Yxy	17.5640, 0.3122, 0.2843
Android (android.graphics.Color)	4286868870 (0xFF846D86)
YUV	118.7270, 7.5296, 11.6404
Hunter-Lab	41.9094, 8.8071, -5.9293

Details

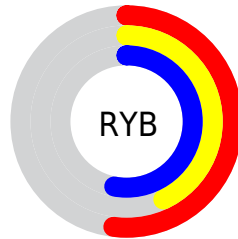
The XYZ color **19.2874, 17.5640, 24.9279** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.8416, 21.5343, 17.6850**, and the grayscale version is **17.4245, 18.3319, 19.9635**.

A 20% lighter version of the original color is **41.7221, 39.3919, 52.4181**, and **6.7487, 5.7714, 9.1458** is the 20% darker color. If you saturate the color by 10%, you get **17.7989, 14.8343, 24.4797**, and if you desaturate by 10%, it is **20.9966, 20.7320, 25.4496**.

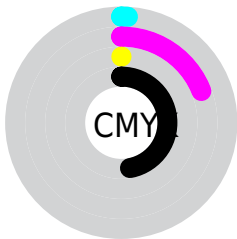
Distribution



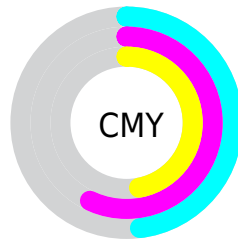
- Red (52%)
- Green (43%)
- Blue (53%)



- Red (52%)
- Yellow (43%)
- Blue (53%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2874, 17.5640, 24.9279 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 19.2874, 17.5640, 24.9279 by changing the saturation by 10% instead.

■ 19.2874, 17.5640,
24.9279

■ 19.2874, 17.5640,
24.9279

240.9386,
238.4019, 290.9149

■ 11.9834, 10.6374,
15.8048

■ 41.7323, 39.2930,
52.5029

■ 6.8045, 5.8236,
9.2333

■ 57.6039, 54.8642,
71.7919

■ 3.3854, 2.7381,
4.7948

■ 77.0620, 74.0857,
95.3066

■ 1.3607, 0.9966,
2.0707

■ 100.4721, 97.3419,
123.4656

■ 0.2279, 0.0000,
0.5983

128.1994,
125.0172, 156.6874

■ 0.0000, 0.0000,
0.0000

160.6094,

157.4961, 195.3905

198.0673,
195.1629, 239.9935

■ 19.2874, 17.5640,
24.9279

■ 19.2874, 17.5640,
24.9279

■ 17.7989, 14.8343,
24.4797

■ 20.9966, 20.7320,
25.4496

■ 16.5197, 12.5210,
24.1006

■ 22.9342, 24.3544,
26.0466

■ 15.4397, 10.6035,
23.7875

■ 25.1094, 28.4494,
26.7224

■ 14.5474, 9.0590,
23.5363

■ 27.5303, 33.0334,
27.4796

■ 13.8301, 7.8618,
23.3431

■ 30.2049, 38.1222,
28.3209

■ 13.2735, 6.9835,
23.2029

■ 33.1407, 43.7305,
29.2487

■ 12.8609, 6.3908,
23.1102

■ 36.3447, 49.8729,
30.2654

■ 12.5519, 6.0027,
23.0516

■ 39.8239, 56.5631,
31.3734

■ 12.5116, 5.9529,
23.0441

■ 43.5850, 63.8143,
32.5748

Harmonies

Analogous

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



17.9372, 17.5640, 28.4549



19.2874, 17.5640, 24.9279



19.9492, 17.5640, 20.1965

Triad

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



19.2874, 17.5640, 24.9279



17.0644, 17.5640, 11.6231



14.0145, 17.5640, 22.8145

Complementary

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



19.2874, 17.5640, 24.9279



17.8416, 21.5343, 17.6850

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.



13.8138, 17.5640, 18.0905



19.2874, 17.5640, 24.9279



15.5097, 17.5640, 12.0951

Square

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



19.2874, 17.5640, 24.9279



18.6136, 17.5640, 12.8876



14.3443, 17.5640, 14.2994



14.9113, 17.5640, 27.1046

Rectangle

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



19.2874, 17.5640, 24.9279



19.8828, 17.5640, 17.1822



14.3443, 17.5640, 14.2994



13.8659, 17.5640, 21.2073

Sweetspot

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



19.2879, 17.5648, 24.9283



37.8162, 38.0606, 45.0917



16.3040, 16.3603, 24.8531



8.4807, 8.5020, 10.1468



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.



19.2879, 17.5648, 24.9283



32.9337, 29.0159, 43.6032



18.9125, 17.4511, 21.3031



4.8221, 4.7444, 5.8624



11.7293, 5.5808, 21.5957



0.0433, 0.0207, 0.0749

Inverse Universe

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



18.1700, 17.1541, 17.3932



30.6308, 28.1721, 27.9836



18.1872, 21.6438, 20.8040



4.6866, 4.6943, 4.9619



9.2706, 4.7726, 0.7314



0.0330, 0.0169, 0.0074

Previews

White Background



This preview shows how the XYZ color 19.2874, 17.5640, 24.9279 looks on a white background.

Color Contrast Check

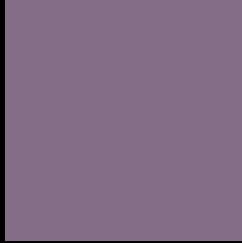
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2874, 17.5640, 24.9279 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 19.2874, 17.5640, 24.9279

Background



This preview shows how black text looks on a background with the XYZ color 19.2874, 17.5640, 24.9279.



This preview shows how white text looks on a background with the XYZ color 19.2874, 17.5640,

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

19.2874, 17.5640, 24.9279

Protanopia

17.4003, 17.5412, 26.5135

Deuteranopia

17.9967, 17.7212, 24.6623



Tritanopia

18.2805, 17.4708, 20.1780

Trichromacy



Original Color

19.2874, 17.5640, 24.9279

Protanomaly

18.0282, 17.5383, 26.1020

Deuteranomaly

18.3400, 17.5669, 24.6144

Tritanomaly

18.6377, 17.4578, 21.7894

Monochromacy



Original Color

19.2874, 17.5640, 24.9279

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0810, 18.0018, 21.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2874, 17.5640, 24.9279 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, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(132, 109, 134)  
}
```

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, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 109, 134) }
```

Border

The CSS property to change the border of an element to XYZ 19.2874, 17.5640, 24.9279 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, 109, 134) }
```


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

```
.border{ border-color:rgb(132, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 109, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 109, 134); box-shadow:4px 4px 4px 4px rgb(132, 109, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2874, 17.5640, 24.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 109, 134) }
```

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

```
.background{ background-color: rgb(132,  
109, 134) }
```

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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