

Converting Colors

XYZ(17.6859, 14.7032, 24.0961)

Have a look what the booklet for
XYZ(17.6859, 14.7032, 24.0961)
contains.

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Color

**XYZ(17.6859, 14.7032,
24.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	835F85
RGB	131, 95, 133
RGB Percent	51%, 37%, 52%
CMY	0.4863, 0.6274, 0.4784
CMYK	0.02, 0.29, 0.00, 0.48
HSL	297°, 17%, 45%
HSV	297°, 29%, 52%
XYZ	17.6859, 14.7032, 24.0961
YIQ	110.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

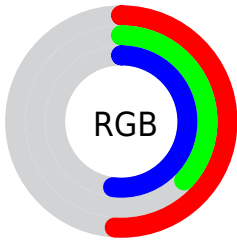
Format	Color
R_{YB}	131, 95, 133
Decimal	8609669
CIE _{Lab}	45.22, 21.55, -15.41
CIE _{LCh}	45, 26.496, 324.427
Yxy	14.7032, 0.3131, 0.2603
Android (android.graphics.Color)	4286799749 (0xFF835F85)
YUV	110.0960, 11.2917, 18.3328
Hunter-Lab	38.3448, 15.2269, -10.4169

Details

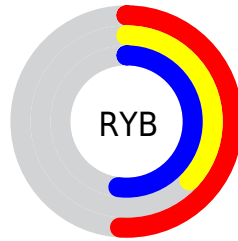
The XYZ color **17.6859, 14.7032, 24.0961** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.3834, 20.1430, 13.9045**, and the grayscale version is **14.8157, 15.5873, 16.9746**.

A 20% lighter version of the original color is **39.1494, 34.4172, 51.0342**, and **6.0116, 4.4878, 8.7330** is the 20% darker color. If you saturate the color by 10%, you get **16.4808, 12.4530, 23.7255**, and if you desaturate by 10%, it is **19.0973, 17.3641, 24.5355**.

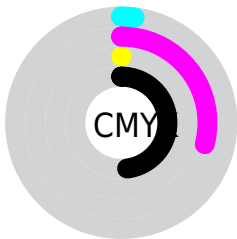
Distribution



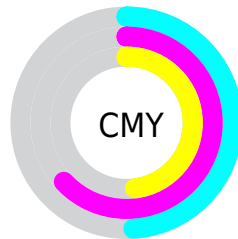
- Red (51%)
- Green (37%)
- Blue (52%)



- Red (51%)
- Yellow (37%)
- Blue (52%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6859, 14.7032, 24.0961 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 17.6859, 14.7032, 24.0961 by changing the saturation by 10% instead.

■ 17.6859, 14.7032,
24.0961

■ 17.6859, 14.7032,
24.0961

232.1746,
221.5627, 286.6082

■ 10.8230, 8.6114,
15.1921

■ 39.0357, 34.3317,
51.1328

■ 6.0144, 4.4886,
8.8062

■ 54.2533, 48.6371,
70.1025

■ 2.8946, 1.9504,
4.5199

■ 72.9865, 66.4491,
93.2645

■ 1.0983, 0.5784,
1.9147

■ 95.6007, 88.1522,
121.0374

■ 0.0237, 0.0000,
0.5020

122.4613,
114.1307, 153.8396

■ 0.0000, 0.0000,
0.0000

153.9336,

144.7690, 192.0898

190.3829,
180.4515, 236.2065

■ 17.6859, 14.7032,
24.0961

■ 17.6859, 14.7032,
24.0961

■ 16.4808, 12.4530,
23.7255

■ 19.0973, 17.3641,
24.5355

■ 15.4701, 10.5910,
23.4194

■ 20.7231, 20.4532,
25.0461

■ 14.6430, 9.0950,
23.1742

■ 22.5729, 23.9892,
25.6311

■ 13.9870, 7.9403,
22.9859

■ 24.6553, 27.9891,
26.2934

■ 13.4881, 7.0986,
22.8497

■ 26.9782, 32.4691,
27.0357

■ 13.1301, 6.5376,
22.7603

■ 29.5494, 37.4446,
27.8606

■ 12.8734, 6.1781,
22.7044

■ 32.3762, 42.9301,
28.7704

■ 12.8380, 6.1291,
22.6969

■ 35.4657, 48.9399,
29.7676

■ 38.8246, 55.4874,
30.8543

Harmonies

Analogous

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



15.7889, 14.7032, 29.6849



17.6859, 14.7032, 24.0961



18.5969, 14.7032, 17.2088

Triad

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



17.6859, 14.7032, 24.0961



14.3877, 14.7032, 6.7589



10.4821, 14.7032, 21.5298

Complementary

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



17.6859, 14.7032, 24.0961



15.3834, 20.1430, 13.9045

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.



10.1902, 14.7032, 14.8669



17.6859, 14.7032, 24.0961



12.3055, 14.7032, 7.3506

Square

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



17.6859, 14.7032, 24.0961



16.5695, 14.7032, 8.0696



10.8232, 14.7032, 9.9705



11.6665, 14.7032, 27.9527

Rectangle

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



17.6859, 14.7032, 24.0961



18.4608, 14.7032, 13.1897



10.8232, 14.7032, 9.9705



10.2819, 14.7032, 19.2045

Sweetspot

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



17.6864, 14.7038, 24.0964



36.9139, 36.2524, 44.7902



13.2778, 12.7754, 23.9566



8.2294, 8.0017, 10.0634



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.



17.6864, 14.7038, 24.0964



30.2910, 23.7469, 42.7255



16.9491, 14.4450, 18.5815



4.8343, 4.7507, 5.8629



12.2305, 5.8392, 21.6192



0.0442, 0.0212, 0.0750

Inverse Universe

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



15.9233, 14.0347, 13.1797



26.6328, 22.3622, 19.9113



16.0024, 20.3663, 18.2623



4.6818, 4.6924, 4.9366



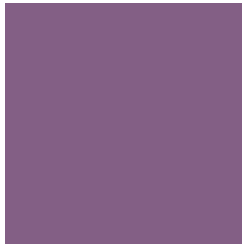
9.2511, 4.7648, 0.6287



0.0327, 0.0167, 0.0054

Previews

White Background



This preview shows how the XYZ color 17.6859, 14.7032, 24.0961 looks on a white background.

Color Contrast Check

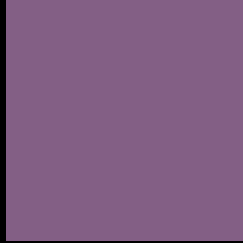
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6859, 14.7032, 24.0961 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 17.6859, 14.7032, 24.0961

Background



This preview shows how black text looks on a background with the XYZ color 17.6859, 14.7032, 24.0961.



This preview shows how white text looks on a background with the XYZ color 17.6859, 14.7032,

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

17.6859, 14.7032, 24.0961

Protanopia

14.9988, 14.8278, 27.2708

Deuteranopia

15.0922, 14.8060, 23.5351



Tritanopia

16.0163, 14.7091, 16.1823

Trichromacy



Original Color

17.6859, 14.7032, 24.0961

Protanomaly

15.7692, 14.6527, 26.0419

Deuteranomaly

15.8888, 14.6181, 23.8139

Tritanomaly

16.4807, 14.6089, 18.7808

Monochromacy



Original Color

17.6859, 14.7032, 24.0961

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.7928, 15.2627, 19.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6859, 14.7032, 24.0961 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, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 95, 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, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 95, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.6859, 14.7032, 24.0961 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, 95, 133) }
```


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

```
.border{ border-color:rgb(131, 95, 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, 95, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 95, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 95, 133); box-shadow:4px 4px 4px 4px rgb(131, 95, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6859, 14.7032, 24.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 95, 133) }
```

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

```
.background{ background-color: rgb(131, 95,  
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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