

Converting Colors

XYZ(24.0978, 24.9227, 17.0963)

Have a look what the booklet for
XYZ(24.0978, 24.9227, 17.0963)
contains.

XYZ(24.2144, 25.0440, 17.1934)	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(24.2144, 25.0440,
17.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	98876A
RGB	152, 135, 106
RGB Percent	60%, 53%, 42%
CMY	0.4039, 0.4706, 0.5843
CMYK	0.00, 0.11, 0.30, 0.40
HSL	38°, 18%, 51%
HSV	38°, 30%, 60%
XYZ	24.2144, 25.0440, 17.1934
YIQ	136.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

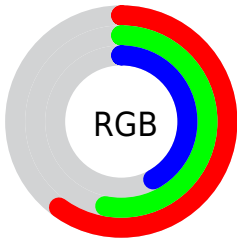
Format	Color
R_{YB}	133, 152, 106
Decimal	9996138
CIE Lab	57.12, 1.80, 17.96
CIE LCh	57, 18.055, 84.269
Yxy	25.0440, 0.3644, 0.3769
Android (android.graphics.Color)	4288186218 (0xFF98876A)
YUV	136.7770, -15.1731, 13.3506
Hunter-Lab	50.0440, -1.2075, 14.6608

Details

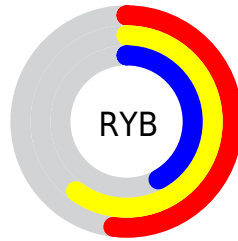
The XYZ color **24.2144, 25.0440, 17.1934** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6941, 19.4965, 32.4837**, and the grayscale version is **23.7445, 24.9811, 27.2044**.

A 20% lighter version of the original color is **49.8011, 51.6662, 39.2461**, and **9.2678, 9.5118, 5.3505** is the 20% darker color. If you saturate the color by 10%, you get **22.7301, 23.2302, 13.1385**, and if you desaturate by 10%, it is **25.8814, 26.9988, 22.0011**.

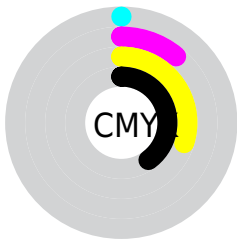
Distribution



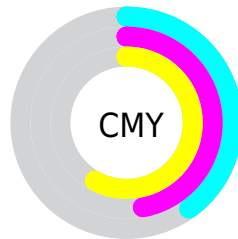
- Red (60%)
- Green (53%)
- Blue (42%)



- Red (52%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2144, 25.0440, 17.1934 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 24.2144, 25.0440, 17.1934 by changing the saturation by 10% instead.

■ 24.2144, 25.0440,
17.1934

■ 24.2144, 25.0440,
17.1934

266.3230,
278.0570, 248.3660

■ 15.6183, 16.1098,
10.2091

■ 49.8320, 51.7286,
39.4532

■ 9.3436, 9.6019,
5.4304

■ 67.5842, 70.2478,
55.5657

■ 5.0249, 5.1358,
2.4388

■ 89.1192, 92.7309,
75.5581

■ 2.2968, 2.3272,
0.8075

■ 114.8023,
119.5621, 99.8488

■ 0.7930, 0.7880,
0.0000

144.9989,
151.1259, 128.8564

■ 0.0000, 0.0000,
0.0000

180.0743,

187.8068, 162.9994

220.3939,
229.9890, 202.6965

■ 24.2144, 25.0440,
17.1934

■ 24.2144, 25.0440,
17.1934

■ 22.7301, 23.2302,
13.1385

■ 25.8814, 26.9988,
22.0011

■ 21.4187, 21.5498,
9.7957

■ 27.7368, 29.0952,
27.5964

■ 20.2719, 19.9995,
7.1226

■ 29.7881, 31.3381,
34.0137

■ 19.2803, 18.5742,
5.0720

■ 32.0421, 33.7310,
41.2849

■ 18.4330, 17.2685,
3.5900

■ 34.5048, 36.2775,
49.4403

■ 17.7173, 16.0764,
2.6138

■ 37.1825, 38.9808,
58.5086

■ 17.1170, 15.0117,
1.9954

■ 40.0807, 41.8441,
68.5173

■ 43.2051, 44.8705,
79.4926

■ 46.5608, 48.0629,
91.4598

Harmonies

Analogous

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



26.2734, 25.0440, 18.8207



24.2144, 25.0440, 17.1934



22.1614, 25.0440, 17.9218

Triad

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



24.2144, 25.0440, 17.1934



20.2656, 25.0440, 32.3734



27.2813, 25.0440, 34.6988

Complementary

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



24.2144, 25.0440, 17.1934



18.6941, 19.4965, 32.4837

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.



25.5250, 25.0440, 39.4045



24.2144, 25.0440, 17.1934



21.4936, 25.0440, 37.9281

Square

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



24.2144, 25.0440, 17.1934



19.9607, 25.0440, 26.1154



23.3974, 25.0440, 40.6664



28.1105, 25.0440, 28.4553

Rectangle

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



24.2144, 25.0440, 17.1934



21.0606, 25.0440, 19.7101



23.3974, 25.0440, 40.6664



26.7749, 25.0440, 36.5480

Sweetspot

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



24.2150, 25.0451, 17.1939



49.3349, 51.7737, 49.8706



21.7181, 18.4297, 21.3603



11.1066, 11.6493, 11.0069



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.2150, 25.0451, 17.1939



41.0187, 42.1172, 25.5927



25.7968, 29.6664, 18.0025



6.5169, 6.8389, 6.5824



14.3825, 12.6474, 1.6831



0.2496, 0.2582, 0.0367

Inverse Universe

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



18.6941, 19.4965, 32.4837



29.7512, 30.7972, 56.8101



17.4236, 15.9787, 31.8717



6.0621, 6.3815, 7.8412



5.9721, 4.3408, 25.4308



0.1222, 0.1307, 0.3912

Previews

White Background



This preview shows how the XYZ color 24.2144, 25.0440, 17.1934 looks on a white background.

Color Contrast Check

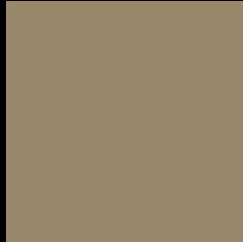
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.2144, 25.0440, 17.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

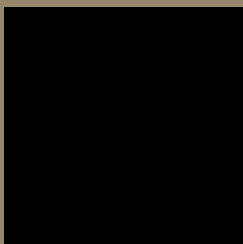
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

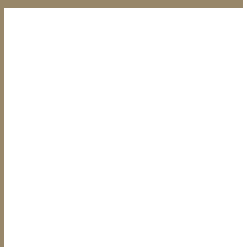
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2144, 25.0440, 17.1934

Background



This preview shows how black text looks on a background with the XYZ color 24.2144, 25.0440, 17.1934.



This preview shows how white text looks on a background with the XYZ color 24.2144, 25.0440,

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

24.2144, 25.0440, 17.1934

Protanopia

23.4536, 25.0638, 17.5116

Deuteranopia

25.6030, 25.1411, 17.4132



Tritanopia

26.4266, 24.9266, 28.2294

Trichromacy



Original Color

24.2144, 25.0440, 17.1934

Protanomaly

23.6707, 24.9658, 17.4812

Deuteranomaly

25.1419, 25.1057, 17.4307

Tritanomaly

25.6651, 25.0296, 23.9006

Monochromacy



Original Color

24.2144, 25.0440, 17.1934

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7254, 24.8655, 23.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2144, 25.0440, 17.1934 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(152, 135, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 106)  
}
```

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(152, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 106) }
```

Border

The CSS property to change the border of an element to XYZ 24.2144, 25.0440, 17.1934 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(152, 135, 106) }
```


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

```
.border{ border-color:rgb(152, 135, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2144, 25.0440, 17.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 106) }
```

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

```
.background{ background-color: rgb(152,  
135, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor