

Converting Colors

XYZ(24.1309, 26.1279, 14.4176)

Have a look what the booklet for
XYZ(24.1309, 26.1279, 14.4176)
contains.

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Color

**XYZ(24.1610, 26.1436,
14.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	978C5E
RGB	151, 140, 94
RGB Percent	59%, 55%, 37%
CMY	0.4078, 0.4510, 0.6314
CMYK	0.00, 0.07, 0.38, 0.41
HSL	48°, 23%, 48%
HSV	48°, 38%, 59%
XYZ	24.1610, 26.1436, 14.3625
YIQ	138.0450, 21.3220, -11.9740

Conversions

Conversions Part 2

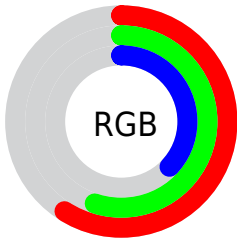
Format	Color
RYB	108, 151, 94
Decimal	9931870
CIELab	58.17, -2.98, 26.08
CIELCh	58, 26.245, 96.513
Yxy	26.1436, 0.3736, 0.4043
Android (android.graphics.Color)	4288121950 (0xFF978C5E)
YUV	138.0450, -21.7142, 11.3615
Hunter-Lab	51.1308, -5.1318, 19.1372

Details

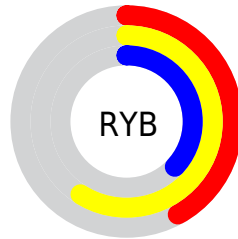
The XYZ color **24.1610, 26.1436, 14.3625** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2536, 14.7169, 31.3150**, and the grayscale version is **24.2497, 25.5126, 27.7832**.

A 20% lighter version of the original color is **49.6344, 53.3061, 34.4612**, and **9.3148, 10.1702, 4.1614** is the 20% darker color. If you saturate the color by 10%, you get **23.1288, 25.0595, 10.9963**, and if you desaturate by 10%, it is **25.3384, 27.3057, 18.4317**.

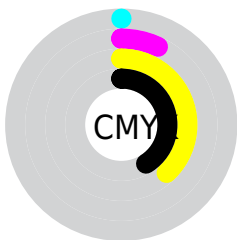
Distribution



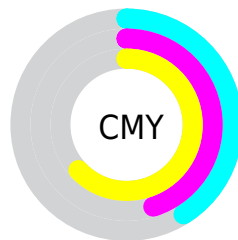
- Red (59%)
- Green (55%)
- Blue (37%)



- Red (42%)
- Yellow (59%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (38%)
- Black (41%)



- Cyan (41%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1610, 26.1436, 14.3625 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 24.1610, 26.1436, 14.3625 by changing the saturation by 10% instead.

■ 24.1610, 26.1436,
14.3625

■ 24.1610, 26.1436,
14.3625

266.0588,
283.4863, 230.9808

■ 15.5785, 16.9311,
8.2316

■ 49.7456, 53.5065,
34.4572

■ 9.3153, 10.1854,
4.1536

■ 67.4783, 72.4257,
49.2581

■ 5.0062, 5.5220,
1.7100

■ 88.9919, 95.3493,
67.7860

■ 2.2857, 2.5567,
0.3676

■ 114.6515,
122.6616, 90.4596

■ 0.7873, 0.9049,
0.0000

144.8227,
154.7471, 117.6973

■ 0.0000, 0.0000,
0.0000

179.8708,

191.9901, 149.9177

220.1610,
234.7750, 187.5393

■ 24.1610, 26.1436,
14.3625

■ 24.1610, 26.1436,
14.3625

■ 23.1288, 25.0595,
10.9963

■ 25.3384, 27.3057,
18.4317

■ 22.2320, 24.0465,
8.2906

■ 26.6661, 28.5451,
23.2400

■ 21.4625, 23.1022,
6.2008

■ 28.1517, 29.8660,
28.8228

■ 20.8106, 22.2226,
4.6760

■ 29.8014, 31.2710,
35.2128

■ 20.2651, 21.4030,
3.6571

■ 31.6211, 32.7625,
42.4408

■ 19.8053, 20.6351,
3.0368

■ 33.6164, 34.3430,
50.5359

■ 19.7060, 20.4661,
2.9117

■ 35.7927, 36.0147,
59.5261

■ 38.1550, 37.7798,
69.4378

■ 40.7084, 39.6404,
80.2965

Harmonies

Analogous

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



27.3682, 26.1436, 15.2278



24.1610, 26.1436, 14.3625



21.3825, 26.1436, 16.5758

Triad

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



24.1610, 26.1436, 14.3625



20.2477, 26.1436, 40.2190



30.8943, 26.1436, 36.0374

Complementary

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



24.1610, 26.1436, 14.3625



15.2536, 14.7169, 31.3150

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.



28.6706, 26.1436, 45.0027



24.1610, 26.1436, 14.3625



22.4888, 26.1436, 47.7548

Square

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



24.1610, 26.1436, 14.3625



19.2512, 26.1436, 30.5006



25.5493, 26.1436, 49.6702



31.4380, 26.1436, 26.5239

Rectangle

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



24.1610, 26.1436, 14.3625



20.0864, 26.1436, 19.8499



25.5493, 26.1436, 49.6702



30.3098, 26.1436, 39.2718

Sweetspot

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



24.1617, 26.1448, 14.3630



49.4594, 52.6479, 47.9849



19.3359, 15.6132, 15.4675



11.1663, 11.8996, 10.6230



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.



24.1617, 26.1448, 14.3630



41.7435, 45.2273, 20.7149



22.9028, 28.0017, 14.7878



6.6076, 7.0203, 6.6126



16.7840, 17.4504, 2.4836



0.2740, 0.3071, 0.0448

Inverse Universe

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



15.2536, 14.7169, 31.3150



23.5257, 21.8663, 55.4143



16.1571, 13.6261, 31.0568



5.9762, 6.2097, 7.8126



5.1453, 2.6874, 25.1552



0.0977, 0.0818, 0.3830

Previews

White Background



This preview shows how the XYZ color 24.1610, 26.1436, 14.3625 looks on a white background.

Color Contrast Check

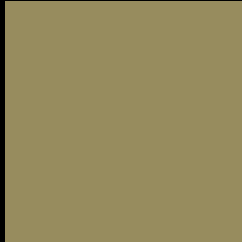
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1610, 26.1436, 14.3625 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 24.1610, 26.1436, 14.3625

Background



This preview shows how black text looks on a background with the XYZ color 24.1610, 26.1436, 14.3625.



This preview shows how white text looks on a background with the XYZ color 24.1610, 26.1436,

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

24.1610, 26.1436, 14.3625

Protanopia

24.3474, 26.2397, 14.3712

Deuteranopia

26.5270, 26.0919, 14.4646



Tritanopia

27.4638, 26.2319, 30.0013

Trichromacy



Original Color

24.1610, 26.1436, 14.3625

Protanomaly

24.3474, 26.2397, 14.3712

Deuteranomaly

25.5677, 26.0116, 14.4997

Tritanomaly

26.0876, 26.0832, 23.3983

Monochromacy



Original Color

24.1610, 26.1436, 14.3625

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0732, 25.7100, 22.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1610, 26.1436, 14.3625 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(151, 140, 94)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 94)  
}
```

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(151, 140, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.1610, 26.1436, 14.3625 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(151, 140, 94) }
```


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

```
.border{ border-color:rgb(151, 140, 94) }
```

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

Here you see how a box with a 4 pixel rgb(151, 140, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 94);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1610, 26.1436, 14.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 94) }
```

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

```
.background{ background-color: rgb(151,  
140, 94) }
```

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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