

Converting Colors

XYZ(24.6951, 26.7286, 13.8211)

Have a look what the booklet for
XYZ(24.6951, 26.7286, 13.8211)
contains.

XYZ(24.5501, 26.5774, 13.7336)	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(24.5501, 26.5774,
13.7336)**

Conversions

Conversions Part 1

Format	Color
Hex	998D5B
RGB	153, 141, 91
RGB Percent	60%, 55%, 36%
CMY	0.4000, 0.4470, 0.6431
CMYK	0.00, 0.08, 0.41, 0.40
HSL	48°, 25%, 48%
HSV	48°, 41%, 60%
XYZ	24.5501, 26.5774, 13.7336
YIQ	138.8880, 23.2020, -13.0060

Conversions

Conversions Part 2

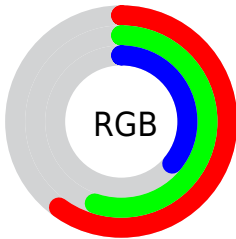
Format	Color
RYB	106, 153, 91
Decimal	10063195
CIELab	58.58, -3.04, 28.29
CIElCh	59, 28.451, 96.143
Yxy	26.5774, 0.3785, 0.4098
Android (android.graphics.Color)	4288253275 (0xFF998D5B)
YUV	138.8880, -23.6088, 12.3762
Hunter-Lab	51.5533, -5.2150, 20.2927

Details

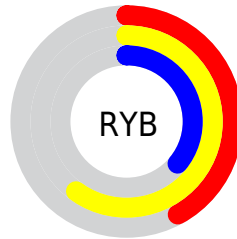
The XYZ color **24.5501, 26.5774, 13.7336** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.9144, 14.2242, 32.0965**, and the grayscale version is **24.5798, 25.8599, 28.1614**.

A 20% lighter version of the original color is **50.1867, 53.9465, 33.3588**, and **9.5625, 10.4307, 3.8922** is the 20% darker color. If you saturate the color by 10%, you get **23.5258, 25.4795, 10.4613**, and if you desaturate by 10%, it is **25.7220, 27.7550, 17.7196**.

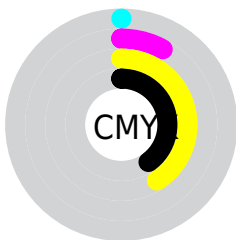
Distribution



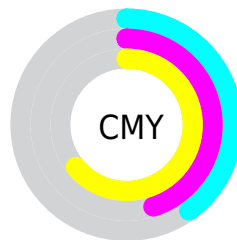
- Red (60%)
- Green (55%)
- Blue (36%)



- Red (42%)
- Yellow (60%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5501, 26.5774, 13.7336 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 24.5501, 26.5774, 13.7336 by changing the saturation by 10% instead.

■ 24.5501, 26.5774,
13.7336

■ 24.5501, 26.5774,
13.7336

267.9791,
285.6051, 226.9377

■ 15.8691, 17.2561,
7.7990

■ 50.3746, 54.2050,
33.3259

■ 9.5218, 10.4172,
3.8807

■ 68.2488, 73.2800,
47.8206

■ 5.1429, 5.6765,
1.5601

■ 89.9181, 96.3751,
66.0058

■ 2.3670, 2.6494,
0.2621

■ 115.7479,
123.8747, 88.3001

■ 0.8286, 0.9515,
0.0000

146.1036,
156.1631, 115.1218

■ 0.0000, 0.0000,
0.0000

181.3504,

193.6247, 146.8896

221.8538,
236.6439, 184.0221

■ 24.5501, 26.5774,
13.7336

■ 24.5501, 26.5774,
13.7336

■ 23.5258, 25.4795,
10.4613

■ 25.7220, 27.7550,
17.7196

■ 22.6388, 24.4540,
7.8578

■ 27.0471, 29.0117,
22.4575

■ 21.8804, 23.4984,
5.8753

■ 28.5332, 30.3517,
27.9846

■ 21.2404, 22.6084,
4.4594

■ 30.1869, 31.7779,
34.3352

■ 20.7063, 21.7789,
3.5459

■ 32.0144, 33.2928,
41.5417

■ 20.2691, 21.0367,
2.9922

■ 34.0215, 34.8989,
49.6347

■ 36.2139, 36.5987,
58.6432

■ 38.5970, 38.3944,
68.5951

■ 41.1758, 40.2881,
79.5168

Harmonies

Analogous

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



28.0719, 26.5774, 14.6863



24.5501, 26.5774, 13.7336



21.5082, 26.5774, 16.0332

Triad

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



24.5501, 26.5774, 13.7336



20.2227, 26.5774, 41.8099



31.9047, 26.5774, 37.4231

Complementary

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



24.5501, 26.5774, 13.7336



14.9144, 14.2242, 32.0965

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.



29.4268, 26.5774, 47.3863



24.5501, 26.5774, 13.7336



22.6443, 26.5774, 50.2996

Square

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



24.5501, 26.5774, 13.7336



19.1622, 26.5774, 31.0427



25.9855, 26.5774, 52.5453



32.5334, 26.5774, 26.9311

Rectangle

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



24.5501, 26.5774, 13.7336



20.0907, 26.5774, 19.5019



25.9855, 26.5774, 52.5453



31.2500, 26.5774, 41.0129

Sweetspot

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



24.5508, 26.5786, 13.7341



50.6222, 53.9340, 48.3161



19.3465, 15.2421, 14.8602



11.1078, 11.8467, 10.4057



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.



24.5508, 26.5786, 13.7341



42.2270, 45.7363, 19.0274



23.1751, 28.6392, 14.2044



6.6073, 7.0197, 6.6125



16.7752, 17.4327, 2.4807



0.2739, 0.3069, 0.0448

Inverse Universe

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



14.9144, 14.2242, 32.0965



22.4655, 20.4154, 56.7285



15.8719, 13.0719, 31.8236



5.9764, 6.2103, 7.8127



5.1472, 2.6910, 25.1558



0.0978, 0.0820, 0.3830

Previews

White Background



This preview shows how the XYZ color 24.5501, 26.5774, 13.7336 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 24.5501, 26.5774, 13.7336 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 24.5501, 26.5774, 13.7336

Background



This preview shows how black text looks on a background with the XYZ color 24.5501, 26.5774, 13.7336.



This preview shows how white text looks on a background with the XYZ color 24.5501, 26.5774,

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

24.5501, 26.5774, 13.7336

Protanopia

24.5501, 26.5774, 13.7336

Deuteranopia

26.9579, 26.5357, 13.8263



Tritanopia

27.9340, 26.4655, 30.4241

Trichromacy



Original Color

24.5501, 26.5774, 13.7336

Protanomaly

24.5501, 26.5774, 13.7336

Deuteranomaly

25.9817, 26.4506, 13.8613

Tritanomaly

26.5520, 26.5401, 23.1253

Monochromacy



Original Color

24.5501, 26.5774, 13.7336

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3925, 26.0906, 22.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5501, 26.5774, 13.7336 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(153, 141, 91)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 91)  
}
```

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(153, 141, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 91) }
```

Border

The CSS property to change the border of an element to XYZ 24.5501, 26.5774, 13.7336 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(153, 141, 91) }
```


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

```
.border{ border-color:rgb(153, 141, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 91);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5501, 26.5774, 13.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 91) }
```

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

```
.background{ background-color: rgb(153,  
141, 91) }
```

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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