

Converting Colors

XYZ(24.7571, 25.6189, 14.3013)

Have a look what the booklet for
XYZ(24.7571, 25.6189, 14.3013)
contains.

XYZ(24.7292, 25.5846, 14.2246)	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(24.7292, 25.5846,
14.2246)**

Conversions

Conversions Part 1

Format	Color
Hex	9D885E
RGB	157, 136, 94
RGB Percent	62%, 53%, 37%
CMY	0.3843, 0.4667, 0.6314
CMYK	0.00, 0.13, 0.40, 0.38
HSL	40°, 25%, 49%
HSV	40°, 40%, 62%
XYZ	24.7292, 25.5846, 14.2246
YIQ	137.4910, 25.9980, -8.6100

Conversions

Conversions Part 2

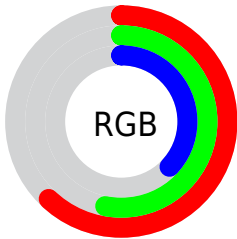
Format	Color
RYB	126, 157, 94
Decimal	10324062
CIELab	57.64, 1.78, 25.48
CIELCh	58, 25.547, 86.001
Yxy	25.5846, 0.3832, 0.3964
Android (android.graphics.Color)	4288514142 (0xFF9D885E)
YUV	137.4910, -21.4411, 17.1094
Hunter-Lab	50.5812, -1.2483, 18.7331

Details

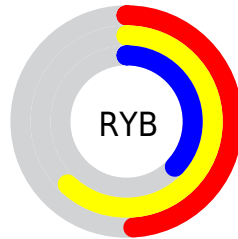
The XYZ color **24.7292, 25.5846, 14.2246** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.8324, 17.0749, 34.3070**, and the grayscale version is **24.0363, 25.2881, 27.5387**.

A 20% lighter version of the original color is **50.7490, 52.5857, 34.2634**, and **9.5498, 9.8039, 4.0783** is the 20% darker color. If you saturate the color by 10%, you get **23.3763, 23.8939, 10.6444**, and if you desaturate by 10%, it is **26.2627, 27.4070, 18.5726**.

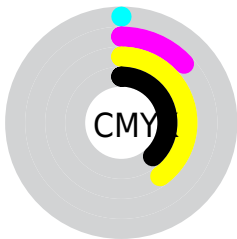
Distribution



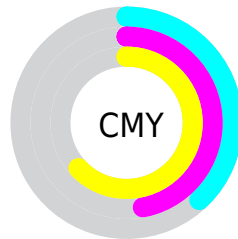
- Red (62%)
- Green (53%)
- Blue (37%)



- Red (49%)
- Yellow (62%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7292, 25.5846, 14.2246 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 24.7292, 25.5846, 14.2246 by changing the saturation by 10% instead.

■ 24.7292, 25.5846,
14.2246

■ 24.7292, 25.5846,
14.2246

268.8592,
280.7369, 230.1004

■ 16.0031, 16.5131,
8.1365

■ 50.6636, 52.6040,
34.2099

■ 9.6172, 9.8880,
4.0934

■ 68.6026, 71.3208,
48.9441

■ 5.2062, 5.3248,
1.6767

■ 90.3433, 94.0215,
67.3975

■ 2.4047, 2.4390,
0.3447

■ 116.2510,
121.0904, 89.9886

■ 0.8475, 0.8459,
0.0000

146.6911,
152.9120, 117.1359

■ 0.0000, 0.0000,
0.0000

182.0289,

189.8707, 149.2579

222.6299,
232.3509, 186.7733

■ 24.7292, 25.5846,
14.2246

■ 24.7292, 25.5846,
14.2246

■ 23.3763, 23.8939,
10.6444

■ 26.2627, 27.4070,
18.5726

■ 22.1928, 22.3267,
7.7842

■ 27.9834, 29.3617,
23.7292

■ 21.1692, 20.8795,
5.5933

■ 29.8997, 31.4539,
29.7342

■ 20.2939, 19.5466,
4.0135

■ 32.0193, 33.6872,
36.6241

■ 19.5534, 18.3219,
2.9768

■ 34.3489, 36.0652,
44.4335

■ 18.9233, 17.2054,
2.3236

■ 36.8953, 38.5914,
53.1951

■ 39.6648, 41.2689,
62.9399

■ 42.6634, 44.1008,
73.6974

■ 45.8969, 47.0903,
85.4960

Harmonies

Analogous

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



27.7506, 25.5846, 16.1128



24.7292, 25.5846, 14.2246



21.8332, 25.5846, 15.3123

Triad

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



24.7292, 25.5846, 14.2246



19.4128, 25.5846, 35.8981



29.5171, 25.5846, 38.3577

Complementary

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



24.7292, 25.5846, 14.2246



16.8324, 17.0749, 34.3070

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.



26.9832, 25.5846, 45.8686



24.7292, 25.5846, 14.2246



21.1797, 25.5846, 44.2526

Square

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



24.7292, 25.5846, 14.2246



18.9180, 25.5846, 26.7009



23.9102, 25.5846, 48.2237



30.6573, 25.5846, 29.0466

Rectangle

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



24.7292, 25.5846, 14.2246



20.3336, 25.5846, 17.7331



23.9102, 25.5846, 48.2237



28.7902, 25.5846, 41.2467

Sweetspot

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



24.7298, 25.5858, 14.2251



52.7954, 55.5215, 50.8582



21.0020, 16.4116, 18.2807



11.5263, 12.1187, 10.9035



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.7298, 25.5858, 14.2251



42.1396, 43.1438, 19.7641



26.0206, 31.0791, 15.2174



6.9838, 7.3475, 7.0358



15.4041, 14.0438, 1.8988



0.3126, 0.3255, 0.0464

Inverse Universe

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



16.8324, 17.0749, 34.3070



26.0437, 25.8113, 60.7362



15.8559, 13.4131, 33.6516



6.4564, 6.7785, 8.3748



5.9831, 4.0578, 26.3751



0.1437, 0.1460, 0.4838

Previews

White Background



This preview shows how the XYZ color 24.7292, 25.5846, 14.2246 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 24.7292, 25.5846, 14.2246 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 24.7292, 25.5846, 14.2246

Background



This preview shows how black text looks on a background with the XYZ color 24.7292, 25.5846, 14.2246.



This preview shows how white text looks on a background with the XYZ color 24.7292, 25.5846,

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

24.7292, 25.5846, 14.2246

Protanopia

23.7317, 25.4872, 14.4952

Deuteranopia

26.1790, 25.7083, 14.4089



Tritanopia

27.6165, 25.5401, 28.2851

Trichromacy



Original Color

24.7292, 25.5846, 14.2246

Protanomaly

24.1481, 25.4898, 14.4738

Deuteranomaly

25.6949, 25.6629, 14.4256

Tritanomaly

26.3236, 25.4062, 22.2554

Monochromacy



Original Color

24.7292, 25.5846, 14.2246

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8985, 25.2011, 21.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7292, 25.5846, 14.2246 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(157, 136, 94)` looks like.

```
.text, #text, p{  
    color:rgb(157, 136, 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(157, 136, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 136, 94) }
```

Border

The CSS property to change the border of an element to XYZ 24.7292, 25.5846, 14.2246 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(157, 136, 94) }
```


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

```
.border{ border-color:rgb(157, 136, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 136, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 136, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 136, 94);  
box-shadow:4px 4px 4px 4px rgb(157, 136,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7292, 25.5846, 14.2246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 136, 94) }
```

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

```
.background{ background-color: rgb(157,  
136, 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](#).

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