

Converting Colors

XYZ(25.0297, 26.2915, 8.7266)

Have a look what the booklet for
XYZ(25.0297, 26.2915, 8.7266)
contains.

XYZ(24.9429, 26.2400, 8.7512)	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(24.9429, 26.2400,
8.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	A28A41
RGB	162, 138, 65
RGB Percent	64%, 54%, 25%
CMY	0.3647, 0.4588, 0.7451
CMYK	0.00, 0.15, 0.60, 0.36
HSL	45°, 43%, 45%
HSV	45°, 60%, 64%
XYZ	24.9429, 26.2400, 8.7512
YIQ	136.8540, 37.7370, -17.6150

Conversions

Conversions Part 2

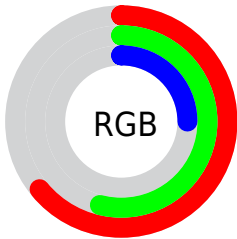
Format	Color
R _Y B	97, 162, 65
Decimal	10652225
CIE Lab	58.26, 0.01, 41.73
CIE LCh	58, 41.731, 89.985
Yxy	26.2400, 0.4162, 0.4378
Android (android.graphics.Color)	4288842305 (0xFFA28A41)
YUV	136.8540, -35.4240, 22.0530
Hunter-Lab	51.2250, -2.7270, 25.7285

Details

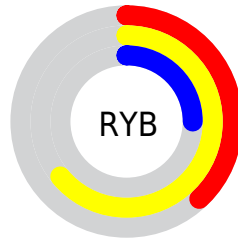
The XYZ color **24.9429, 26.2400, 8.7512** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.2738, 10.8768, 35.6348**, and the grayscale version is **23.8429, 25.0845, 27.3171**.

A 20% lighter version of the original color is **50.9387, 53.5595, 23.8729**, and **9.7533, 10.1993, 1.8701** is the 20% darker color. If you saturate the color by 10%, you get **23.9751, 24.9508, 6.4362**, and if you desaturate by 10%, it is **26.0678, 27.6280, 11.7832**.

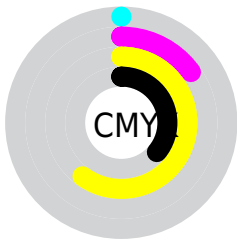
Distribution



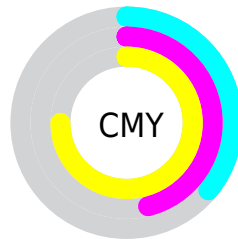
- Red (64%)
- Green (54%)
- Blue (25%)



- Red (38%)
- Yellow (64%)
- Blue (25%)



- Cyan (0%)
- Magenta (15%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9429, 26.2400, 8.7512 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 24.9429, 26.2400, 8.7512 by changing the saturation by 10% instead.

■ 24.9429, 26.2400,
8.7512

■ 24.9429, 26.2400,
8.7512

269.9063,
283.9582, 191.6601

■ 16.1630, 17.0033,
4.4847

■ 51.0081, 53.6619,
23.9885

■ 9.7312, 10.2368,
1.8948

■ 69.0242, 72.6158,
35.7963

■ 5.2820, 5.5563,
0.4894

■ 90.8497, 95.5776,
50.9550

■ 2.4501, 2.5772,
0.0000

■ 116.8500,
122.9316, 69.8831

■ 0.8702, 0.9152,
0.0000

■ 147.3905,
155.0623, 92.9991

■ 0.0000, 0.0000,
0.0000

182.8365,

192.3541, 120.7216

223.5533,
235.1912, 153.4691

■ 24.9429, 26.2400,
8.7512

■ 24.9429, 26.2400,
8.7512

■ 23.9751, 24.9508,
6.4362

■ 26.0678, 27.6280,
11.7832

■ 23.1504, 23.7514,
4.7741

■ 27.3586, 29.1157,
15.5857

■ 22.4553, 22.6370,
3.6920

■ 28.8255, 30.7085,
20.2091

■ 21.8577, 21.5945,
3.0219

■ 30.4775, 32.4103,
25.6989

■ 21.8505, 21.5818,
3.0141

■ 32.3227, 34.2248,
32.0973

■ 34.3688, 36.1553,
39.4437

■ 36.6231, 38.2051,
47.7753

■ 39.0924, 40.3772,
57.1271

■ 41.7832, 42.6745,
67.5325

Harmonies

Analogous

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



30.1447, 26.2400, 10.5662



24.9429, 26.2400, 8.7512



20.3762, 26.2400, 10.5624

Triad

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



24.9429, 26.2400, 8.7512



17.4098, 26.2400, 44.9296



34.3757, 26.2400, 44.9468

Complementary

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



24.9429, 26.2400, 8.7512



12.2738, 10.8768, 35.6348

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.



30.1397, 26.2400, 60.2402



24.9429, 26.2400, 8.7512



20.3723, 26.2400, 60.2281

Square

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



24.9429, 26.2400, 8.7512



16.4026, 26.2400, 28.5635



24.9378, 26.2400, 66.5995



36.0213, 26.2400, 28.5783

Rectangle

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



24.9429, 26.2400, 8.7512



18.1910, 26.2400, 14.1101



24.9378, 26.2400, 66.5995



33.1815, 26.2400, 50.5599

Sweetspot

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



24.9435, 26.2412, 8.7517



55.8206, 59.3307, 48.3262



18.6044, 12.1877, 10.8785



12.3377, 13.1250, 10.1761



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.9435, 26.2412, 8.7517



42.9737, 44.5173, 10.5011



24.3144, 31.6042, 9.8200



7.5003, 7.9391, 7.5172



17.2495, 17.0730, 2.3863



0.3962, 0.4262, 0.0614

Inverse Universe

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



12.2738, 10.8768, 35.6348



17.9297, 14.2156, 63.8550



12.5560, 8.5257, 35.1661



6.8362, 7.1314, 8.9193



5.7674, 3.3143, 27.2655



0.1559, 0.1390, 0.5845

Previews

White Background



This preview shows how the XYZ color 24.9429, 26.2400, 8.7512 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 24.9429, 26.2400, 8.7512 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 24.9429, 26.2400, 8.7512

Background



This preview shows how black text looks on a background with the XYZ color 24.9429, 26.2400, 8.7512.



This preview shows how white text looks on a background with the XYZ color 24.9429, 26.2400,

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

24.9429, 26.2400, 8.7512

Protanopia

23.8790, 26.1181, 8.9370

Deuteranopia

26.6045, 26.0526, 8.7807



Tritanopia

28.8647, 26.1835, 28.3435

Trichromacy



Original Color

24.9429, 26.2400, 8.7512

Protanomaly

24.3165, 26.1277, 8.9158

Deuteranomaly

26.0095, 26.1563, 8.8321

Tritanomaly

27.0940, 26.0743, 19.2276

Monochromacy



Original Color

24.9429, 26.2400, 8.7512

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6690, 25.1500, 18.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9429, 26.2400, 8.7512 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(162, 138, 65)` looks like.

```
.text, #text, p{  
    color:rgb(162, 138, 65)  
}
```

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(162, 138, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 138, 65) }
```

Border

The CSS property to change the border of an element to XYZ 24.9429, 26.2400, 8.7512 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(162, 138, 65) }
```


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

```
.border{ border-color:rgb(162, 138, 65) }
```

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

Here you see how a box with a 4 pixel rgb(162, 138, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 138, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 138, 65);  
box-shadow:4px 4px 4px 4px rgb(162, 138,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9429, 26.2400, 8.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 138, 65) }
```

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

```
.background{ background-color: rgb(162,  
138, 65) }
```

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