

Converting Colors

XYZ(24.2975, 30.2159, 14.0032)

Have a look what the booklet for
XYZ(24.2975, 30.2159, 14.0032)
contains.

XYZ(24.3414, 30.2385, 14.0049)	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(24.3414, 30.2385,
14.0049)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9D59
RGB	138, 157, 89
RGB Percent	54%, 62%, 35%
CMY	0.4588, 0.3843, 0.6510
CMYK	0.12, 0.00, 0.43, 0.38
HSL	77°, 28%, 48%
HSV	77°, 43%, 62%
XYZ	24.3414, 30.2385, 14.0049
YIQ	143.5670, 10.5040, -25.1760

Conversions

Conversions Part 2

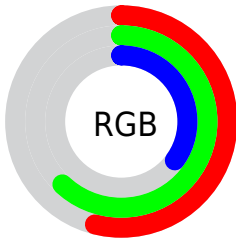
Format	Color
RYB	89, 157, 108
Decimal	9084249
CIELab	61.86, -18.08, 33.28
CIELCh	62, 37.877, 118.512
Yxy	30.2385, 0.3549, 0.4409
Android (android.graphics.Color)	4287274329 (0xFF8A9D59)
YUV	143.5670, -26.9015, -4.8823
Hunter-Lab	54.9895, -17.2178, 23.3925

Details

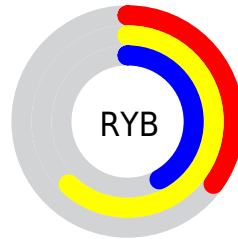
The XYZ color **24.3414, 30.2385, 14.0049** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8437, 12.7681, 33.5295**, and the grayscale version is **26.4375, 27.8143, 30.2898**.

A 20% lighter version of the original color is **50.0153, 60.1869, 33.7921**, and **9.4848, 12.4944, 4.0096** is the 20% darker color. If you saturate the color by 10%, you get **23.0401, 29.6369, 10.8620**, and if you desaturate by 10%, it is **25.8141, 30.9142, 17.8910**.

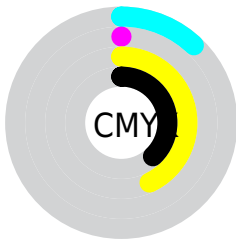
Distribution



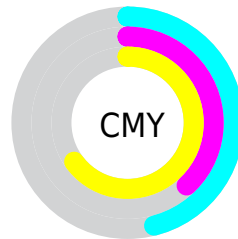
- Red (54%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3414, 30.2385, 14.0049 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 24.3414, 30.2385, 14.0049 by changing the saturation by 10% instead.

■ 24.3414, 30.2385,
14.0049

■ 24.3414, 30.2385,
14.0049

266.9505,
303.0146, 228.6908

■ 15.7132, 20.0197,
7.9853

■ 50.0374, 60.0391,
33.8150

■ 9.4110, 12.4094,
3.9979

■ 67.8358, 80.3898,
48.4425

■ 5.0694, 7.0231,
1.6242

■ 89.4217, 104.8865,
66.7764

■ 2.3232, 3.4766,
0.3080

■ 115.1605,
133.9136, 89.2353

■ 0.8065, 1.3853,
0.0000

■ 145.4173,
167.8556, 116.2376

■ 0.0000, 0.2059,
0.0000

180.5577,

■ 0.0000, 0.0000,

207.0968, 148.2019

0.0000

220.9470,
252.0217, 185.5468

■ 24.3414, 30.2385,
14.0049

■ 24.3414, 30.2385,
14.0049

■ 23.0401, 29.6369,
10.8620

■ 25.8141, 30.9142,
17.8910

■ 21.8987, 29.1015,
8.4130

■ 27.4647, 31.6634,
22.5618

■ 20.9075, 28.6295,
6.6053

■ 29.3017, 32.4907,
28.0580

■ 20.0546, 28.2160,
5.3783

■ 31.3325, 33.3990,
34.4167

■ 19.3259, 27.8555,
4.6597

■ 33.5642, 34.3912,
41.6731

■ 18.8841, 27.6344,
4.3387

■ 36.0033, 35.4699,
49.8601

■ 38.6561, 36.6377,
59.0092

■ 41.5286, 37.8970,
69.1503

■ 44.6265, 39.2502,
80.3120

Harmonies

Analogous

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



28.9943, 30.2385, 12.1837



24.3414, 30.2385, 14.0049



21.2154, 30.2385, 20.4075

Triad

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



24.3414, 30.2385, 14.0049



23.9516, 30.2385, 62.8675



39.6077, 30.2385, 33.6538

Complementary

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



24.3414, 30.2385, 14.0049



15.8437, 12.7681, 33.5295

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.



37.8635, 30.2385, 49.7325



24.3414, 30.2385, 14.0049



28.4888, 30.2385, 69.3824

Square

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



24.3414, 30.2385, 14.0049



21.0097, 30.2385, 48.1001



33.6407, 30.2385, 63.9882



38.1680, 30.2385, 21.3326

Rectangle

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



24.3414, 30.2385, 14.0049



20.2203, 30.2385, 27.6799



33.6407, 30.2385, 63.9882



39.3708, 30.2385, 38.7932

Sweetspot

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



24.3421, 30.2398, 14.0055



52.4950, 58.1941, 50.3121



20.9805, 18.4335, 11.9039



11.3949, 12.7351, 10.5942



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.



24.3421, 30.2398, 14.0055



41.3285, 53.1056, 19.6076



19.6712, 27.8319, 13.7869



6.9893, 7.6271, 7.0895



15.3737, 22.4622, 3.5254



0.3134, 0.4215, 0.0648

Inverse Universe

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



15.8437, 12.7681, 33.5295



24.0961, 17.6356, 59.2607



20.6665, 15.2543, 33.7552



6.4501, 6.5205, 8.3253



5.8142, 2.4264, 26.0691



0.1419, 0.0629, 0.4679

Previews

White Background



This preview shows how the XYZ color 24.3414, 30.2385, 14.0049 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.3414, 30.2385, 14.0049 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 ✓ Pass

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

XYZ 24.3414, 30.2385, 14.0049

Background



This preview shows how black text looks on a background with the XYZ color 24.3414, 30.2385, 14.0049.



This preview shows how white text looks on a background with the XYZ color 24.3414, 30.2385,

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

24.3414, 30.2385, 14.0049

Protanopia

27.7370, 30.0593, 13.1442

Deuteranopia

30.4272, 29.8220, 14.2778



Tritanopia

29.1252, 30.2360, 37.5588

Trichromacy



Original Color

24.3414, 30.2385, 14.0049

Protanomaly

26.4661, 30.1132, 13.4343

Deuteranomaly

27.8391, 29.6221, 14.1479

Tritanomaly

27.0329, 30.1070, 26.9407

Monochromacy



Original Color

24.3414, 30.2385, 14.0049

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5409, 28.7009, 23.2625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3414, 30.2385, 14.0049 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(138, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(138, 157, 89)  
}
```

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(138, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 157, 89) }
```

Border

The CSS property to change the border of an element to XYZ 24.3414, 30.2385, 14.0049 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(138, 157, 89) }
```


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

```
.border{ border-color:rgb(138, 157, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 157, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 157, 89);  
box-shadow:4px 4px 4px 4px rgb(138, 157,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3414, 30.2385, 14.0049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 157, 89) }
```

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

```
.background{ background-color: rgb(138,  
157, 89) }
```

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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