

Converting Colors

XYZ(25.0068, 31.2343, 12.2504)

Have a look what the booklet for
XYZ(25.0068, 31.2343, 12.2504)
contains.

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Color

**XYZ(25.0014, 31.1262,
12.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9F50
RGB	142, 159, 80
RGB Percent	56%, 62%, 31%
CMY	0.4431, 0.3765, 0.6863
CMYK	0.11, 0.00, 0.50, 0.38
HSL	73°, 33%, 47%
HSV	73°, 50%, 62%
XYZ	25.0014, 31.1262, 12.2797
YIQ	144.9110, 15.2270, -28.1730

Conversions

Conversions Part 2

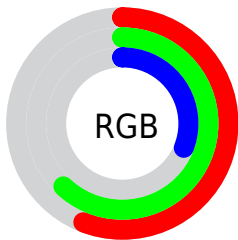
Format	Color
RYB	80, 159, 97
Decimal	9346896
CIELab	62.61, -18.49, 38.91
CIELCh	63, 43.082, 115.413
Yxy	31.1262, 0.3655, 0.4550
Android (android.graphics.Color)	4287536976 (0xFF8E9F50)
YUV	144.9110, -32.0011, -2.5529
Hunter-Lab	55.7909, -17.6433, 26.0037

Details

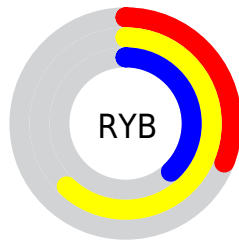
The XYZ color **25.0014, 31.1262, 12.2797** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.0576, 10.7828, 34.1430**, and the grayscale version is **26.9997, 28.4058, 30.9339**.

A 20% lighter version of the original color is **51.1693, 61.6021, 30.6662**, and **9.8263, 12.9977, 3.2872** is the 20% darker color. If you saturate the color by 10%, you get **23.9042, 30.6216, 9.5164**, and if you desaturate by 10%, it is **26.2572, 31.6985, 15.7774**.

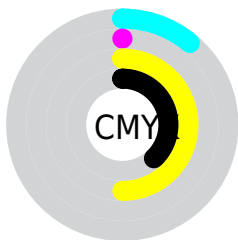
Distribution



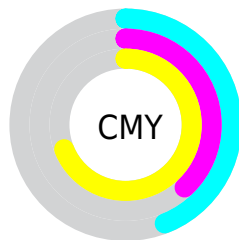
- Red (56%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (38%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0014, 31.1262, 12.2797 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 25.0014, 31.1262, 12.2797 by changing the saturation by 10% instead.

■ 25.0014, 31.1262,
12.2797

■ 25.0014, 31.1262,
12.2797

270.1924,
307.1193, 217.2915

■ 16.2068, 20.6950,
6.8096

■ 51.1024, 61.4387,
30.6755

■ 9.7624, 12.9012,
3.2667

■ 69.1395, 82.0888,
44.4383

■ 5.3028, 7.3606,
1.2324

■ 90.9882, 106.9139,
61.8024

■ 2.4626, 3.6886,
0.0054

■ 117.0138,
136.2985, 83.1863

■ 0.8764, 1.5009,
0.0000

■ 147.5816,
170.6269, 109.0087

■ 0.0000, 0.2894,
0.0000

183.0571,

■ 0.0000, 0.0000,

210.2836, 139.6880

0.0000

223.8056,
255.6529, 175.6427

■ 25.0014, 31.1262,
12.2797

■ 25.0014, 31.1262,
12.2797

■ 23.9042, 30.6216,
9.5164

■ 26.2572, 31.6985,
15.7774

■ 22.9531, 30.1764,
7.4331

■ 27.6786, 32.3380,
20.0549

■ 22.1376, 29.7876,
5.9709

■ 29.2745, 33.0495,
25.1562

■ 21.4442, 29.4495,
5.0602

■ 31.0529, 33.8361,
31.1215

■ 20.8426, 29.1503,
4.5424

■ 33.0209, 34.7007,
37.9883

■ 20.8242, 29.1411,
4.5272

■ 35.1855, 35.6461,
45.7921

■ 37.5531, 36.6749,
54.5662

■ 40.1300, 37.7896,
64.3424

■ 42.9220, 38.9926,
75.1510

Harmonies

Analogous

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



30.4960, 31.1262, 10.8062



25.0014, 31.1262, 12.2797



21.2331, 31.1262, 18.6573

Triad

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



25.0014, 31.1262, 12.2797



23.6303, 31.1262, 68.0657



42.3181, 31.1262, 36.5416

Complementary

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



25.0014, 31.1262, 12.2797



14.0576, 10.7828, 34.1430

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.



39.8806, 31.1262, 55.7446



25.0014, 31.1262, 12.2797



28.6913, 31.1262, 77.3884

Square

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



25.0014, 31.1262, 12.2797



20.5180, 31.1262, 49.7375



34.6961, 31.1262, 72.2627



40.9919, 31.1262, 21.8282

Rectangle

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



25.0014, 31.1262, 12.2797



19.9527, 31.1262, 26.3865



34.6961, 31.1262, 72.2627



41.9036, 31.1262, 42.6987

Sweetspot

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



25.0022, 31.1276, 12.2804



53.7854, 59.7884, 49.5558



19.9118, 16.2803, 9.6828



11.9857, 13.4172, 10.7054



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.0022, 31.1276, 12.2804



42.5441, 54.7149, 16.4256



19.5213, 28.3021, 12.0239



7.0304, 7.6483, 7.0914



16.4827, 23.0339, 3.5773



0.3268, 0.4284, 0.0655

Inverse Universe

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



14.0576, 10.7828, 34.1430



20.6148, 13.8815, 60.3363



19.1678, 13.4171, 34.3822



6.4116, 6.5007, 8.3235



5.4999, 2.2643, 26.0544



0.1296, 0.0566, 0.4673

Previews

White Background



This preview shows how the XYZ color 25.0014, 31.1262, 12.2797 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 25.0014, 31.1262, 12.2797 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 25.0014, 31.1262, 12.2797

Background



This preview shows how black text looks on a background with the XYZ color 25.0014, 31.1262, 12.2797.



This preview shows how white text looks on a background with the XYZ color 25.0014, 31.1262,

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

25.0014, 31.1262, 12.2797

Protanopia

28.3425, 30.8845, 11.4887

Deuteranopia

31.5811, 30.9009, 12.6875



Tritanopia

30.3768, 31.0967, 38.5837

Trichromacy



Original Color

25.0014, 31.1262, 12.2797

Protanomaly

27.0313, 30.9304, 11.7532

Deuteranomaly

28.6710, 30.5544, 12.5701

Tritanomaly

27.7688, 30.7443, 26.3005

Monochromacy



Original Color

25.0014, 31.1262, 12.2797

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.8591, 29.1225, 22.3474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0014, 31.1262, 12.2797 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(142, 159, 80)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 80)  
}
```

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(142, 159, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 80) }
```

Border

The CSS property to change the border of an element to XYZ 25.0014, 31.1262, 12.2797 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(142, 159, 80) }
```


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

```
.border{ border-color:rgb(142, 159, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 159, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 80);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0014, 31.1262, 12.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 159, 80) }
```

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

```
.background{ background-color: rgb(142,  
159, 80) }
```

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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