

Converting Colors

XYZ(26.0191, 31.3186, 14.6091)

Have a look what the booklet for
XYZ(26.0191, 31.3186, 14.6091)
contains.

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Color

**XYZ(25.9692, 31.3200,
14.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	929E5B
RGB	146, 158, 91
RGB Percent	57%, 62%, 36%
CMY	0.4275, 0.3804, 0.6431
CMYK	0.08, 0.00, 0.42, 0.38
HSL	71°, 27%, 49%
HSV	71°, 42%, 62%
XYZ	25.9692, 31.3200, 14.5742
YIQ	146.7740, 14.3550, -23.3810

Conversions

Conversions Part 2

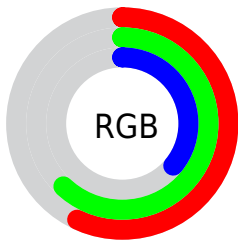
Format	Color
RYB	91, 158, 103
Decimal	9608795
CIELab	62.78, -15.11, 33.52
CIELCh	63, 36.763, 114.266
Yxy	31.3200, 0.3614, 0.4358
Android (android.graphics.Color)	4287798875 (0xFF929E5B)
YUV	146.7740, -27.4966, -0.6788
Hunter-Lab	55.9643, -15.1078, 23.7347

Details

The XYZ color **25.9692, 31.3200, 14.5742** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5074, 12.8352, 34.0096**, and the grayscale version is **27.7462, 29.1912, 31.7892**.

A 20% lighter version of the original color is **52.7641, 61.9590, 34.7695**, and **10.3098, 13.0695, 4.2648** is the 20% darker color. If you saturate the color by 10%, you get **24.8614, 30.8206, 11.3315**, and if you desaturate by 10%, it is **27.2345, 31.8861, 18.5747**.

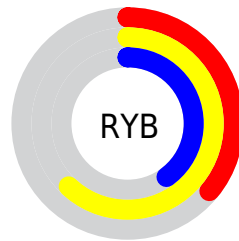
Distribution



Red (57%)

Green (62%)

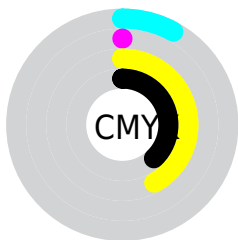
Blue (36%)



Red (36%)

Yellow (62%)

Blue (40%)

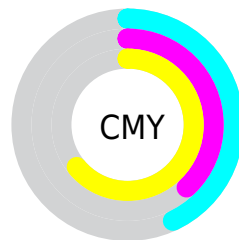


Cyan (8%)

Magenta (0%)

Yellow (42%)

Black (38%)



Cyan (43%)

Magenta (38%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9692, 31.3200, 14.5742 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 25.9692, 31.3200, 14.5742 by changing the saturation by 10% instead.

■ 25.9692, 31.3200,
14.5742

■ 25.9692, 31.3200,
14.5742

274.8903,
308.0099, 232.3256

■ 16.9332, 20.8426,
8.3778

■ 52.6569, 61.7435,
34.8361

■ 10.2819, 13.0090,
4.2464

■ 71.0393, 82.4585,
49.7387

■ 5.6499, 7.4348,
1.7615

■ 93.2678, 107.3548,
68.3805

■ 2.6720, 3.7355,
0.4024

■ 119.7079,
136.8168, 91.1800

■ 0.9828, 1.5267,
0.0000

150.7248,
171.2289, 118.5557

■ 0.0000, 0.3074,
0.0000

186.6839,

■ 0.0000, 0.0000,

210.9755, 150.9261

0.0000

227.9507,
256.4410, 188.7099

■ 25.9692, 31.3200,
14.5742

■ 25.9692, 31.3200,
14.5742

■ 24.8614, 30.8206,
11.3315

■ 27.2345, 31.8861,
18.5747

■ 23.8997, 30.3799,
8.7967

■ 28.6635, 32.5180,
23.3747

■ 23.0746, 29.9953,
6.9172


■ 30.2646, 33.2202,
29.0151


■ 22.3744, 29.6621,
5.6322


■ 32.0450, 33.9956,
35.5337


■ 21.7855, 29.3747,
4.8695


■ 34.0116, 34.8470,
42.9657

 21.3868, 29.1769,
4.5045

 36.1708, 35.7768,
51.3446

 38.5287, 36.7877,
60.7021

 41.0911, 37.8819,
71.0685

 43.8636, 39.0616,
82.4726

Harmonies

Analogous

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



30.7453, 31.3200, 13.3035



25.9692, 31.3200, 14.5742



22.5896, 31.3200, 20.3514

Triad

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



25.9692, 31.3200, 14.5742



24.4713, 31.3200, 61.8809



40.4631, 31.3200, 36.9444

Complementary

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



25.9692, 31.3200, 14.5742



15.5074, 12.8352, 34.0096

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.



38.3275, 31.3200, 52.9660



25.9692, 31.3200, 14.5742



28.8131, 31.3200, 69.7418

Square

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



25.9692, 31.3200, 14.5742



21.7953, 31.3200, 46.7954



33.9219, 31.3200, 66.0889



39.4822, 31.3200, 23.9407

Rectangle

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



25.9692, 31.3200, 14.5742



21.3981, 31.3200, 27.1306



33.9219, 31.3200, 66.0889



40.0791, 31.3200, 42.1761

Sweetspot

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



25.9700, 31.3214, 14.5749



54.6981, 60.2111, 51.7582



20.7577, 17.5609, 12.1935



12.1889, 13.5121, 11.1596



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.



25.9700, 31.3214, 14.5749



45.2228, 56.0020, 20.7918



20.9693, 28.7435, 14.3408



7.0535, 7.6602, 7.0925



17.1576, 23.3818, 3.6088



0.3346, 0.4324, 0.0658

Inverse Universe

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



15.5074, 12.8352, 34.0096



23.6388, 17.8301, 60.9391



20.0130, 15.1579, 34.2205



6.3901, 6.4896, 8.3225



5.3582, 2.1913, 26.0478



0.1227, 0.0530, 0.4670

Previews

White Background



This preview shows how the XYZ color 25.9692, 31.3200, 14.5742 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 25.9692, 31.3200, 14.5742 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

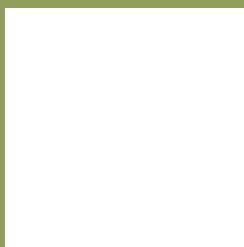
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9692, 31.3200, 14.5742

Background



This preview shows how black text looks on a background with the XYZ color 25.9692, 31.3200, 14.5742.



This preview shows how white text looks on a background with the XYZ color 25.9692, 31.3200,

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

25.9692, 31.3200, 14.5742

Protanopia

28.7573, 31.2847, 13.9741

Deuteranopia

31.6742, 31.1262, 14.9282



Tritanopia

30.9455, 31.3899, 38.6103

Trichromacy



Original Color

25.9692, 31.3200, 14.5742

Protanomaly

27.6991, 31.2203, 14.2391

Deuteranomaly

29.4597, 31.1491, 14.8156

Tritanomaly

28.7841, 31.2354, 27.8045

Monochromacy



Original Color

25.9692, 31.3200, 14.5742

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.9300, 29.8686, 24.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9692, 31.3200, 14.5742 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(146, 158, 91)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 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(146, 158, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.9692, 31.3200, 14.5742 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(146, 158, 91) }
```


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

```
.border{ border-color:rgb(146, 158, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 91);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9692, 31.3200, 14.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 91) }
```

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

```
.background{ background-color: rgb(146,  
158, 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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