

Converting Colors

XYZ(25.6529, 31.0240, 14.0637)

Have a look what the booklet for
XYZ(25.6529, 31.0240, 14.0637)
contains.

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Color

**XYZ(25.5372, 30.8550,
14.0608)**

Conversions

Conversions Part 1

Format	Color
Hex	919D59
RGB	145, 157, 89
RGB Percent	57%, 62%, 35%
CMY	0.4314, 0.3843, 0.6510
CMYK	0.08, 0.00, 0.43, 0.38
HSL	71°, 28%, 48%
HSV	71°, 43%, 62%
XYZ	25.5372, 30.8550, 14.0608
YIQ	145.6600, 14.6760, -23.6920

Conversions

Conversions Part 2

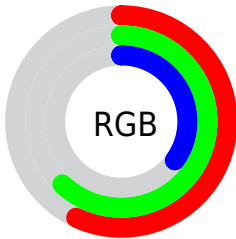
Format	Color
RYB	89, 157, 101
Decimal	9543001
CIELab	62.39, -15.23, 34.06
CIELCh	62, 37.305, 114.093
Yxy	30.8550, 0.3625, 0.4380
Android (android.graphics.Color)	4287733081 (0xFF919D59)
YUV	145.6600, -27.9334, -0.5788
Hunter-Lab	55.5473, -15.1445, 23.8749

Details

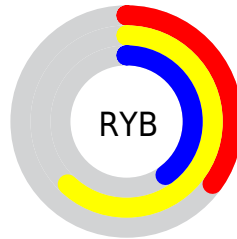
The XYZ color **25.5372, 30.8550, 14.0608** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0262, 12.3466, 33.4913**, and the grayscale version is **27.2896, 28.7107, 31.2660**.

A 20% lighter version of the original color is **52.0965, 61.2598, 33.8895**, and **10.0685, 12.7953, 4.0369** is the 20% darker color. If you saturate the color by 10%, you get **24.4648, 30.3714, 10.9287**, and if you desaturate by 10%, it is **26.7636, 31.4038, 17.9354**.

Distribution



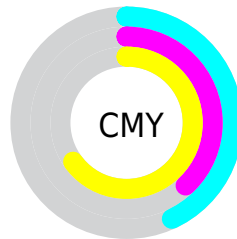
- Red (57%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5372, 30.8550, 14.0608 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 25.5372, 30.8550, 14.0608 by changing the saturation by 10% instead.

■ 25.5372, 30.8550,
14.0608

■ 25.5372, 30.8550,
14.0608

272.8013,
305.8698, 229.0503

■ 16.6086, 20.4885,
8.0237

■ 51.9640, 61.0117,
33.9155

■ 10.0494, 12.7506,
4.0221

■ 70.1930, 81.5707,
48.5703

■ 5.4942, 7.2570,
1.6375

■ 92.2527, 106.2959,
66.9347

■ 2.5778, 3.6234,
0.3174

■ 118.5087,
135.5718, 89.4273

■ 0.9346, 1.4652,
0.0000

■ 149.3261,
169.7827, 116.4666

■ 0.0000, 0.2640,
0.0000

185.0705,

■ 0.0000, 0.0000,

209.3131, 148.4712

0.0000

226.1071,
254.5473, 185.8596

■ 25.5372, 30.8550,
14.0608

■ 25.5372, 30.8550,
14.0608

■ 24.4648, 30.3714,
10.9287

■ 26.7636, 31.4038,
17.9354

■ 23.5352, 29.9452,
8.4895

■ 28.1502, 32.0169,
22.5939

■ 22.7388, 29.5736,
6.6910

■ 29.7053, 32.6988,
28.0768

■ 22.0641, 29.2521,
5.4724

■ 31.4360, 33.4524,
34.4215

■ 21.4973, 28.9750,
4.7613

■ 33.3493, 34.2804,
41.6630

■ 21.1549, 28.8051,
4.4450

■ 35.4513, 35.1854,
49.8342

■ 37.7481, 36.1697,
58.9667

■ 40.2455, 37.2356,
69.0902

■ 42.9490, 38.3855,
80.2335

Harmonies

Analogous

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



30.3378, 30.8550, 12.8254



25.5372, 30.8550, 14.0608



22.1411, 30.8550, 19.7786

Triad

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



25.5372, 30.8550, 14.0608



23.9906, 30.8550, 61.5439



40.0896, 30.8550, 36.5410

Complementary

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



25.5372, 30.8550, 14.0608



15.0262, 12.3466, 33.4913

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.



37.9197, 30.8550, 52.6959



25.5372, 30.8550, 14.0608



28.3384, 30.8550, 69.5629

Square

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



25.5372, 30.8550, 14.0608



21.3226, 30.8550, 46.2809



33.4738, 30.8550, 65.9306



39.1187, 30.8550, 23.4703

Rectangle

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



25.5372, 30.8550, 14.0608



20.9413, 30.8550, 26.5332



33.4738, 30.8550, 65.9306



39.6962, 30.8550, 41.8122

Sweetspot

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



25.5380, 30.8564, 14.0615



53.2144, 58.5650, 50.3457



20.2981, 17.0686, 11.6763



11.5768, 12.8288, 10.6027



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.



25.5380, 30.8564, 14.0615



43.8674, 54.4145, 19.7265



20.5010, 28.2597, 13.8257



7.0552, 7.6611, 7.0926



17.2084, 23.4080, 3.6112



0.3352, 0.4327, 0.0659

Inverse Universe

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



15.0262, 12.3466, 33.4913



22.5479, 16.8375, 59.1883



19.5440, 14.6755, 33.7027



6.3885, 6.4888, 8.3224



5.3488, 2.1864, 26.0473



0.1222, 0.0528, 0.4670

Previews

White Background



This preview shows how the XYZ color 25.5372, 30.8550, 14.0608 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 25.5372, 30.8550, 14.0608 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

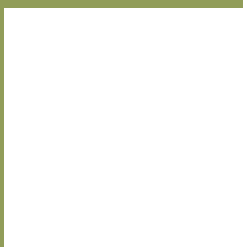
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5372, 30.8550, 14.0608

Background



This preview shows how black text looks on a background with the XYZ color 25.5372, 30.8550, 14.0608.



This preview shows how white text looks on a background with the XYZ color 25.5372, 30.8550,

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

25.5372, 30.8550, 14.0608

Protanopia

28.3040, 30.8207, 13.4740

Deuteranopia

31.1964, 30.6643, 14.3998



Tritanopia

30.4190, 30.9030, 37.6193

Trichromacy



Original Color

25.5372, 30.8550, 14.0608

Protanomaly

27.2532, 30.7561, 13.7326

Deuteranomaly

28.9980, 30.6852, 14.2920

Tritanomaly

28.2938, 30.7570, 26.9997

Monochromacy



Original Color

25.5372, 30.8550, 14.0608

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4621, 29.4044, 23.6829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5372, 30.8550, 14.0608 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(145, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 157, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.5372, 30.8550, 14.0608 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(145, 157, 89) }
```


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

```
.border{ border-color:rgb(145, 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(145, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 157, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 157, 89); box-shadow:4px 4px 4px 4px rgb(145, 157, 89) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5372, 30.8550, 14.0608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 157, 89) }
```

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

```
.background{ background-color: rgb(145,  
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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