

Converting Colors

XYZ(25.6229, 30.7846, 8.2230)

Have a look what the booklet for
XYZ(25.6229, 30.7846, 8.2230)
contains.

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Color

**XYZ(25.5270, 30.7282,
8.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	989C37
RGB	152, 156, 55
RGB Percent	60%, 61%, 22%
CMY	0.4039, 0.3882, 0.7843
CMYK	0.03, 0.00, 0.65, 0.39
HSL	62°, 48%, 41%
HSV	62°, 65%, 61%
XYZ	25.5270, 30.7282, 8.2001
YIQ	143.2900, 30.0370, -32.2590

Conversions

Conversions Part 2

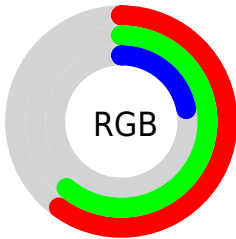
Format	Color
RYB	55, 156, 59
Decimal	10001463
CIELab	62.28, -14.81, 50.50
CIELCh	62, 52.628, 106.343
Yxy	30.7282, 0.3960, 0.4767
Android (android.graphics.Color)	4288191543 (0xFF989C37)
YUV	143.2900, -43.5270, 7.6387
Hunter-Lab	55.4330, -14.8082, 30.0325

Details

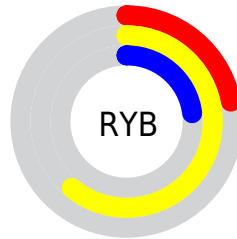
The XYZ color **25.5270, 30.7282, 8.2001** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.1715, 6.0631, 32.1413**, and the grayscale version is **26.3854, 27.7595, 30.2301**.

A 20% lighter version of the original color is **51.9949, 60.7100, 22.8877**, and **10.0886, 12.6998, 1.9196** is the 20% darker color. If you saturate the color by 10%, you get **25.0955, 30.5434, 6.5274**, and if you desaturate by 10%, it is **26.0788, 30.9634, 10.4967**.

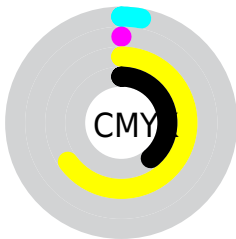
Distribution



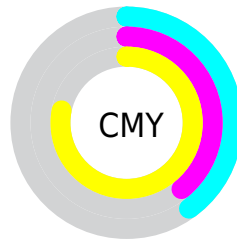
- Red (60%)
- Green (61%)
- Blue (22%)



- Red (22%)
- Yellow (61%)
- Blue (23%)



- Cyan (3%)
- Magenta (0%)
- Yellow (65%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5270, 30.7282, 8.2001 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 25.5270, 30.7282, 8.2001 by changing the saturation by 10% instead.

■ 25.5270, 30.7282,
8.2001

■ 25.5270, 30.7282,
8.2001

272.7518,
305.2842, 187.2860

■ 16.6009, 20.3920,
4.1336

■ 51.9477, 60.8119,
22.9024

■ 10.0439, 12.6803,
1.6989

■ 70.1730, 81.3281,
34.3753

■ 5.4906, 7.2088,
0.3600

■ 92.2287, 106.0065,
49.1542

■ 2.5756, 3.5930,
0.0000

■ 118.4803,
135.2314, 67.6575

■ 0.9335, 1.4486,
0.0000

■ 149.2930,
169.3873, 90.3038

■ 0.0000, 0.2521,
0.0000

■ 185.0323,

■ 0.0000, 0.0000,

208.8584, 117.5116

0.0000

226.0635,
254.0292, 149.6995

■ 25.5270, 30.7282,
8.2001

■ 25.5270, 30.7282,
8.2001

■ 25.0955, 30.5434,
6.5274

■ 26.0788, 30.9634,
10.4967

■ 24.7705, 30.4001,
5.4157

■ 26.7588, 31.2489,
13.4685

■ 24.5384, 30.2941,
4.7895

■ 27.5767, 31.5896,
17.1634

■ 24.4336, 30.2453,
4.5501

■ 28.5407, 31.9889,
21.6248

■ 29.6585, 32.4497,
26.8923

■ 30.9370, 32.9748,
33.0031

■ 32.3828, 33.5670,
39.9918

■ 34.0021, 34.2286,
47.8912

■ 35.8010, 34.9621,
56.7326

Harmonies

Analogous

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



32.5535, 30.7282, 8.0156



25.5270, 30.7282, 8.2001



20.3925, 30.7282, 13.0586

Triad

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



25.5270, 30.7282, 8.2001



20.7510, 30.7282, 70.5153



44.6011, 30.7282, 43.5765

Complementary

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



25.5270, 30.7282, 8.2001



9.1715, 6.0631, 32.1413

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.



40.2516, 30.7282, 68.4047



25.5270, 30.7282, 8.2001



26.0967, 30.7282, 87.7236

Square

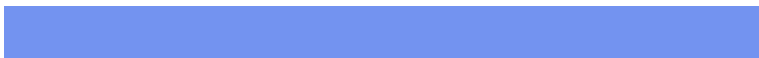
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.5270, 30.7282, 8.2001



17.9567, 30.7282, 45.7238



33.2230, 30.7282, 86.8241



44.3816, 30.7282, 23.6087

Rectangle

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



25.5270, 30.7282, 8.2001



18.3914, 30.7282, 20.0814



33.2230, 30.7282, 86.8241



43.5981, 30.7282, 51.7492

Sweetspot

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



25.5277, 30.7296, 8.2007



52.8890, 58.5324, 44.2223



15.9325, 10.4077, 4.7839



11.5206, 12.8313, 9.1791



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.



25.5277, 30.7296, 8.2007



45.2717, 55.3382, 10.7658



18.0738, 26.8870, 7.8519



7.1442, 7.7070, 7.0967



20.1317, 24.9150, 3.7480



0.3671, 0.4492, 0.0674

Inverse Universe

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



9.1715, 6.0631, 32.1413



13.2077, 6.9360, 57.7694



13.6582, 8.3761, 32.3513



6.3079, 6.4472, 8.3187



5.0137, 2.0136, 26.0317



0.0960, 0.0393, 0.4657

Previews

White Background



This preview shows how the XYZ color 25.5270, 30.7282, 8.2001 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 25.5270, 30.7282, 8.2001 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 25.5270, 30.7282, 8.2001

Background



This preview shows how black text looks on a background with the XYZ color 25.5270, 30.7282, 8.2001.



This preview shows how white text looks on a background with the XYZ color 25.5270, 30.7282,

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

25.5270, 30.7282, 8.2001

Protanopia

27.8809, 30.7244, 7.9509

Deuteranopia

31.1054, 30.5255, 8.3902



Tritanopia

31.2650, 30.6735, 36.1710

Trichromacy



Original Color

25.5270, 30.7282, 8.2001

Protanomaly

26.9574, 30.7302, 8.0007

Deuteranomaly

28.8092, 30.4840, 8.3686

Tritanomaly

28.3971, 30.4379, 22.1477

Monochromacy



Original Color

25.5270, 30.7282, 8.2001

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3132, 28.4385, 19.1940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5270, 30.7282, 8.2001 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(152, 156, 55)` looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 55)  
}
```

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(152, 156, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 55) }
```

Border

The CSS property to change the border of an element to XYZ 25.5270, 30.7282, 8.2001 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(152, 156, 55) }
```


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

```
.border{ border-color:rgb(152, 156, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 55);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5270, 30.7282, 8.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 55) }
```

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

```
.background{ background-color: rgb(152,  
156, 55) }
```

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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