

Converting Colors

XYZ(24.2088, 33.1029, 25.8230)

Have a look what the booklet for
XYZ(24.2088, 33.1029, 25.8230)
contains.

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Color

**XYZ(24.2138, 33.0867,
25.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA981
RGB	107, 169, 129
RGB Percent	42%, 66%, 51%
CMY	0.5804, 0.3372, 0.4941
CMYK	0.37, 0.00, 0.24, 0.34
HSL	141°, 26%, 54%
HSV	141°, 37%, 66%
XYZ	24.2138, 33.0867, 25.8791
YIQ	145.9020, -24.1120, -25.5840

Conversions

Conversions Part 2

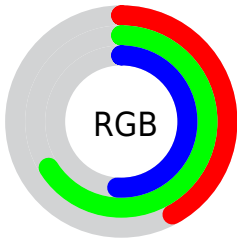
Format	Color
RYB	107, 153, 169
Decimal	7055745
CIELab	64.23, -28.86, 14.44
CIElCh	64, 32.270, 153.414
Yxy	33.0867, 0.2911, 0.3978
Android (android.graphics.Color)	4285245825 (0xFF6BA981)
YUV	145.9020, -8.3327, -34.1171
Hunter-Lab	57.5210, -25.5213, 13.5898

Details

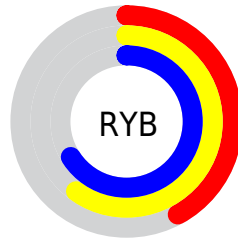
The XYZ color **24.2138, 33.0867, 25.8791** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.8874, 21.0577, 30.2523**, and the grayscale version is **27.3223, 28.7452, 31.3035**.

A 20% lighter version of the original color is **49.8659, 64.7014, 54.1164**, and **9.3242, 13.9107, 9.7830** is the 20% darker color. If you saturate the color by 10%, you get **21.6907, 31.8662, 22.1777**, and if you desaturate by 10%, it is **27.2132, 34.5456, 30.0080**.

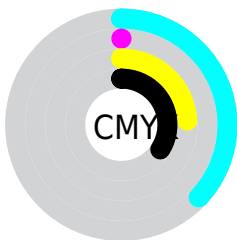
Distribution



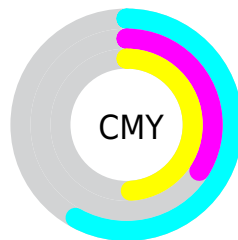
- Red (42%)
- Green (66%)
- Blue (51%)



- Red (42%)
- Yellow (60%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2138, 33.0867, 25.8791 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 24.2138, 33.0867, 25.8791 by changing the saturation by 10% instead.

■ 24.2138, 33.0867,
25.8791

■ 24.2138, 33.0867,
25.8791

266.3201,
316.0402, 295.7747

■ 15.6179, 22.1929,
16.5083

■ 49.8310, 64.5109,
54.0615

■ 9.3433, 13.9987,
9.7263

■ 67.5830, 85.8100,
73.7102

■ 5.0247, 8.1198,
5.1146

■ 89.1178, 111.3463,
97.6219

■ 2.2967, 4.1717,
2.2548

■ 114.8006,
141.5043, 126.2152

■ 0.7930, 1.7701,
0.7057

144.9969,
176.6683, 159.9085

■ 0.0000, 0.4684,
0.0000

180.0720,

■ 0.0000, 0.0000,

217.2227, 199.1205

0.0000

220.3913,
263.5518, 244.2697

■ 24.2138, 33.0867,
25.8791

■ 24.2138, 33.0867,
25.8791

■ 21.6907, 31.8662,
22.1777

■ 27.2132, 34.5456,
30.0080

■ 19.6156, 30.8671,
18.8878

■ 30.7098, 36.2507,
34.5753

■ 17.9611, 30.0765,
15.9954


■ 34.7266, 38.2145,
39.5943


■ 16.6956, 29.4784,
13.4852


■ 39.2844, 40.4475,
45.0771


■ 15.7830, 29.0544,
11.3406

■ 44.4025, 42.9594,
51.0353


 15.1722, 28.7787,
9.5433

 50.0997, 45.7596,
57.4801

 15.0034, 28.7031,
9.0201

 56.3935, 48.8571,
64.4224

 63.3009, 52.2603,
71.8725

 69.3121, 55.1906,
79.7692

Harmonies

Analogous

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



26.8447, 33.0867, 18.8123



24.2138, 33.0867, 25.8791



23.4531, 33.0867, 37.5483

Triad

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



24.2138, 33.0867, 25.8791



31.9751, 33.0867, 67.5100



39.3837, 33.0867, 23.8486

Complementary

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



24.2138, 33.0867, 25.8791



26.8874, 21.0577, 30.2523

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.



41.0800, 33.0867, 34.5450



24.2138, 33.0867, 25.8791



36.5494, 33.0867, 61.4356

Square

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



24.2138, 33.0867, 25.8791



27.6702, 33.0867, 63.6038



39.9960, 33.0867, 48.5286



35.5547, 33.0867, 17.8553

Rectangle

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



24.2138, 33.0867, 25.8791



24.0412, 33.0867, 47.0023



39.9960, 33.0867, 48.5286



40.2382, 33.0867, 26.9068

Sweetspot

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



24.2147, 33.0881, 25.8798



58.8288, 66.7924, 66.7529



28.9294, 35.6698, 19.2704



12.6210, 14.4595, 14.2978



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2147, 33.0881, 25.8798



39.6406, 57.4524, 40.9194



26.5713, 34.0307, 38.2898



7.5426, 8.4501, 8.5775



11.2049, 21.4007, 6.8460



0.2969, 0.5304, 0.2946

Inverse Universe

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



26.8874, 21.0577, 30.2523



45.1264, 32.7303, 49.8720



24.7907, 20.2190, 19.2111



7.7272, 7.6207, 8.8806



14.2794, 7.1205, 11.5486



0.3704, 0.1824, 0.4019

Previews

White Background



This preview shows how the XYZ color 24.2138, 33.0867, 25.8791 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 24.2138, 33.0867, 25.8791 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 24.2138, 33.0867, 25.8791

Background



This preview shows how black text looks on a background with the XYZ color 24.2138, 33.0867, 25.8791.



This preview shows how white text looks on a background with the XYZ color 24.2138, 33.0867,

25.8791.

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

24.2138, 33.0867, 25.8791

Protanopia

30.7512, 32.8472, 23.1317

Deuteranopia

33.3412, 32.6533, 26.7358



Tritanopia

28.2698, 33.1109, 45.9754

Trichromacy



Original Color

24.2138, 33.0867, 25.8791

Protanomaly

27.7741, 32.5516, 24.2213

Deuteranomaly

29.0022, 32.1183, 26.5007

Tritanomaly

26.5232, 32.9242, 37.7580

Monochromacy



Original Color

24.2138, 33.0867, 25.8791

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.8049, 29.9102, 29.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2138, 33.0867, 25.8791 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(107, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(107, 169, 129)  
}
```

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(107, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 169, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.2138, 33.0867, 25.8791 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(107, 169, 129) }
```


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

```
.border{ border-color:rgb(107, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 169, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 169, 129);  
box-shadow:4px 4px 4px 4px rgb(107, 169,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2138, 33.0867, 25.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 169, 129) }
```

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

```
.background{ background-color: rgb(107,  
169, 129) }
```

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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