

Converting Colors

XYZ(24.0260, 33.4030, 25.0952)

Have a look what the booklet for
XYZ(24.0260, 33.4030, 25.0952)
contains.

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Color

**XYZ(24.0312, 33.2850,
25.2367)**

Conversions

Conversions Part 1

Format	Color
Hex	69AA7F
RGB	105, 170, 127
RGB Percent	41%, 67%, 50%
CMY	0.5882, 0.3333, 0.5020
CMYK	0.38, 0.00, 0.25, 0.33
HSL	140°, 28%, 54%
HSV	140°, 38%, 67%
XYZ	24.0312, 33.2850, 25.2367
YIQ	145.6630, -24.9370, -27.1530

Conversions

Conversions Part 2

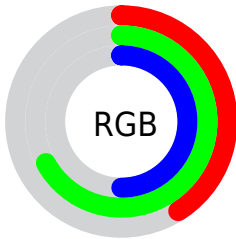
Format	Color
RYB	105, 154, 170
Decimal	6924927
CIELab	64.39, -30.35, 15.75
CIElCh	64, 34.191, 152.568
Yxy	33.2850, 0.2911, 0.4032
Android (android.graphics.Color)	4285115007 (0xFF69AA7F)
YUV	145.6630, -9.2009, -35.6615
Hunter-Lab	57.6932, -26.6116, 14.4500

Details

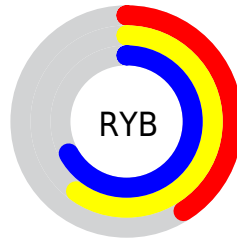
The XYZ color **24.0312, 33.2850, 25.2367** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.9756, 20.7881, 30.6091**, and the grayscale version is **27.2282, 28.6461, 31.1956**.

A 20% lighter version of the original color is **49.7327, 65.0589, 53.1165**, and **9.2046, 14.0295, 9.4306** is the 20% darker color. If you saturate the color by 10%, you get **21.5381, 32.0807, 21.5054**, and if you desaturate by 10%, it is **27.0071, 34.7306, 29.4192**.

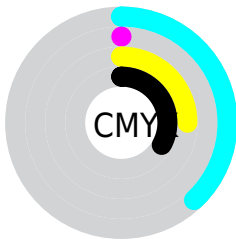
Distribution



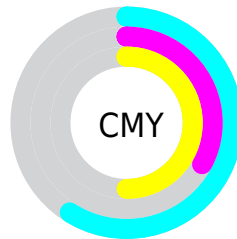
- Red (41%)
- Green (67%)
- Blue (50%)



- Red (41%)
- Yellow (60%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (59%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0312, 33.2850, 25.2367 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 24.0312, 33.2850, 25.2367 by changing the saturation by 10% instead.

■ 24.0312, 33.2850,
25.2367

■ 24.0312, 33.2850,
25.2367

265.4157,
316.9320, 292.5000

■ 15.4816, 22.3449,
16.0329

■ 49.5354, 64.8202,
53.0098

■ 9.2466, 14.1105,
9.3928

■ 67.2208, 86.1841,
72.4162

■ 4.9608, 8.1976,
4.8980

■ 88.6821, 111.7914,
96.0605

■ 2.2588, 4.2216,
2.1298

■ 114.2847,
142.0264, 124.3613

■ 0.7735, 1.7983,
0.6334

144.3941,
177.2736, 157.7371

■ 0.0000, 0.4861,
0.0000

179.3754,

■ 0.0000, 0.0000,

217.9173, 196.6065

0.0000

219.5942,
264.3420, 241.3879

■ 24.0312, 33.2850,
25.2367

■ 24.0312, 33.2850,
25.2367

■ 21.5381, 32.0807,
21.5054

■ 27.0071, 34.7306,
29.4192

■ 19.4985, 31.1001,
18.2077

■ 30.4876, 36.4256,
34.0652

■ 17.8841, 30.3299,
15.3285


■ 34.4964, 38.3829,
39.1891


■ 16.6619, 29.7534,
12.8505


■ 39.0548, 40.6133,
44.8043


■ 15.7937, 29.3514,
10.7553


■ 44.1830, 43.1269,
50.9233


 15.2159, 29.0912,
9.0222

 49.9002, 45.9333,
57.5585

 15.1273, 29.0515,
8.7518

 56.2245, 49.0416,
64.7217

 63.1734, 52.4606,
72.4242

 69.6496, 55.6244,
80.6250

Harmonies

Analogous

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



26.8583, 33.2850, 18.0121



24.0312, 33.2850, 25.2367



23.1728, 33.2850, 37.4567

Triad

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



24.0312, 33.2850, 25.2367



32.0578, 33.2850, 70.1802



40.2032, 33.2850, 23.6366

Complementary

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



24.0312, 33.2850, 25.2367



26.9756, 20.7881, 30.6091

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.



41.9444, 33.2850, 35.0533



24.0312, 33.2850, 25.2367



36.9500, 33.2850, 63.8692

Square

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



24.0312, 33.2850, 25.2367



27.5152, 33.2850, 65.6385



40.6974, 33.2850, 50.0551



36.1498, 33.2850, 17.2686

Rectangle

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



24.0312, 33.2850, 25.2367



23.7527, 33.2850, 47.5400



40.6974, 33.2850, 50.0551



41.0960, 33.2850, 26.8923

Sweetspot

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



24.0321, 33.2864, 25.2374



60.3294, 68.5355, 68.2543



29.1988, 36.0979, 18.7937



13.2374, 15.1780, 14.9460



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.0321, 33.2864, 25.2374



39.6603, 58.4860, 39.9183



26.4740, 34.2631, 38.0963



7.5376, 8.4481, 8.5512



11.1512, 21.3792, 6.5629



0.2951, 0.5297, 0.2850

Inverse Universe

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



26.9756, 20.7881, 30.6091



45.7736, 32.4917, 51.0474



24.7728, 19.9070, 19.0096



7.7324, 7.6228, 8.9079



14.3919, 7.1655, 12.1410



0.3726, 0.1833, 0.4135

Previews

White Background



This preview shows how the XYZ color 24.0312, 33.2850, 25.2367 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 24.0312, 33.2850, 25.2367 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 24.0312, 33.2850, 25.2367

Background



This preview shows how black text looks on a background with the XYZ color 24.0312, 33.2850, 25.2367.



This preview shows how white text looks on a background with the XYZ color 24.0312, 33.2850,

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

24.0312, 33.2850, 25.2367

Protanopia

30.8374, 32.9057, 22.4954

Deuteranopia

33.4346, 32.7173, 26.0256



Tritanopia

28.2355, 33.0817, 46.4922

Trichromacy



Original Color

24.0312, 33.2850, 25.2367

Protanomaly

27.6476, 32.5010, 23.5550

Deuteranomaly

29.0351, 32.4010, 25.8428

Tritanomaly

26.5763, 33.2204, 37.8123

Monochromacy



Original Color

24.0312, 33.2850, 25.2367

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.7416, 30.1321, 28.8854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0312, 33.2850, 25.2367 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(105, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(105, 170, 127)  
}
```

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(105, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 170, 127) }
```

Border

The CSS property to change the border of an element to XYZ 24.0312, 33.2850, 25.2367 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(105, 170, 127) }
```


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

```
.border{ border-color:rgb(105, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(105, 170,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0312, 33.2850, 25.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 170, 127) }
```

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

```
.background{ background-color: rgb(105,  
170, 127) }
```

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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