

Converting Colors

XYZ(24.8942, 27.3143, 30.4472)

Have a look what the booklet for
XYZ(24.8942, 27.3143, 30.4472)
contains.

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Color

**XYZ(24.8323, 27.2510,
30.3367)**

Conversions

Conversions Part 1

Format	Color
Hex	859190
RGB	133, 145, 144
RGB Percent	52%, 57%, 56%
CMY	0.4784, 0.4314, 0.4353
CMYK	0.08, 0.00, 0.01, 0.43
HSL	175°, 5%, 55%
HSV	175°, 8%, 57%
XYZ	24.8323, 27.2510, 30.3367
YIQ	141.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

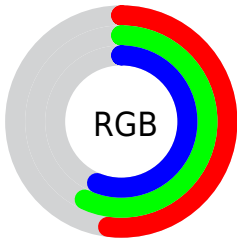
Format	Color
R_{YB}	133, 139, 145
Decimal	8753552
CIE _{Lab}	59.21, -4.52, -0.96
CIE _{LCh}	59, 4.623, 192.004
Yxy	27.2510, 0.3013, 0.3306
Android (android.graphics.Color)	4286943632 (0xFF859190)
YUV	141.2980, 1.3321, -7.2773
Hunter-Lab	52.2025, -6.4434, 2.0862

Details

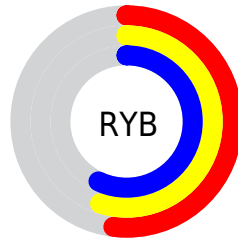
The XYZ color **24.8323, 27.2510, 30.3367** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3687, 24.5167, 26.0034**, and the grayscale version is **25.4319, 26.7563, 29.1376**.

A 20% lighter version of the original color is **50.8662, 55.3632, 61.4313**, and **9.6799, 10.8316, 12.1702** is the 20% darker color. If you saturate the color by 10%, you get **22.6073, 26.1154, 29.7524**, and if you desaturate by 10%, it is **27.3759, 28.5523, 30.9422**.

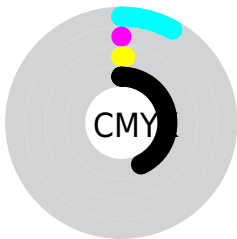
Distribution



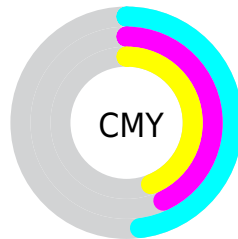
- Red (52%)
- Green (57%)
- Blue (56%)



- Red (52%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8323, 27.2510, 30.3367 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 24.8323, 27.2510, 30.3367 by changing the saturation by 10% instead.

■ 24.8323, 27.2510,
30.3367

■ 24.8323, 27.2510,
30.3367

269.3648,
288.8704, 317.7268

■ 16.0802, 17.7618,
19.8401

■ 50.8299, 55.2864,
61.2615

■ 9.6721, 10.7791,
12.0959

■ 68.8061, 74.6014,
82.5268

■ 5.2427, 5.9185,
6.6857

■ 90.5878, 97.9604,
108.2187

■ 2.4266, 2.7956,
3.1909

116.5402,
125.7479, 138.7558

■ 0.8584, 1.0260,
1.1929

147.0288,
158.3483, 174.5566

■ 0.0000, 0.0000,
0.0000

182.4188,

196.1459, 216.0397

223.0757,
239.5251, 263.6236

■ 24.8323, 27.2510,
30.3367

■ 24.8323, 27.2510,
30.3367

■ 22.6073, 26.1154,
29.7524

■ 27.3759, 28.5523,
30.9422

■ 20.6858, 25.1353,
29.1870

■ 30.2479, 30.0220,
31.5677

■ 19.0547, 24.3049,
28.6403

■ 33.4606, 31.6672,
32.2143

■ 17.6992, 23.6164,
28.1116

■ 37.0249, 33.4936,
32.8827

■ 16.6032, 23.0615,
27.6002

■ 40.9513, 35.5065,
33.5732

■ 15.7489, 22.6312,
27.1052

■ 45.2498, 37.7111,
34.2865

■ 15.1162, 22.3150,
26.6256

■ 49.9300, 40.1124,
35.0228

■ 14.6819, 22.1010,
26.1605

■ 55.0012, 42.7151,
35.7828

■ 14.3978, 21.9642,
25.7074

■ 57.2741, 43.8751,
36.4171

Harmonies

Analogous

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



24.8615, 27.2510, 28.7019



24.8323, 27.2510, 30.3367



25.0864, 27.2510, 31.8467

Triad

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



24.8323, 27.2510, 30.3367



26.6500, 27.2510, 32.0933



26.2452, 27.2510, 26.7543

Complementary

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



24.8323, 27.2510, 30.3367



24.3687, 24.5167, 26.0034

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.



26.7336, 27.2510, 27.5981



24.8323, 27.2510, 30.3367



26.9696, 27.2510, 30.6632

Square

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



24.8323, 27.2510, 30.3367



26.1324, 27.2510, 32.8858



27.0005, 27.2510, 29.0165



25.6715, 27.2510, 26.6742

Rectangle

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



24.8323, 27.2510, 30.3367



25.3845, 27.2510, 32.5634



27.0005, 27.2510, 29.0165



26.4250, 27.2510, 26.9565

Sweetspot

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



24.8331, 27.2521, 30.3373



47.2415, 50.2188, 54.9980



24.2233, 27.0302, 26.1313



10.5230, 11.1786, 12.2381



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.8331, 27.2521, 30.3373



43.6569, 48.3865, 54.1218



24.1918, 25.8465, 30.5033



5.5411, 6.1087, 6.8153



12.3142, 18.8216, 22.0067



0.1214, 0.1814, 0.2299

Inverse Universe

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



24.3687, 24.5167, 26.0034



42.6443, 42.4220, 44.6720



24.9715, 25.8337, 25.8609



5.4260, 5.4309, 5.7415



10.0779, 5.1882, 0.7957



0.0993, 0.0508, 0.0229

Previews

White Background



This preview shows how the XYZ color 24.8323, 27.2510, 30.3367 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8323, 27.2510, 30.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

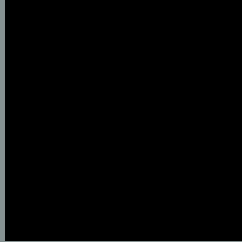
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

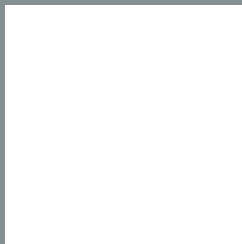
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8323, 27.2510, 30.3367

Background



This preview shows how black text looks on a background with the XYZ color 24.8323, 27.2510, 30.3367.



This preview shows how white text looks on a background with the XYZ color 24.8323, 27.2510,

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

24.8323, 27.2510, 30.3367

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.7169, 27.1899, 30.5754



Tritanopia

25.7305, 27.1624, 34.8971

Trichromacy



Original Color

24.8323, 27.2510, 30.3367

Protanomaly

25.7649, 27.2908, 29.8963

Deuteranomaly

26.6683, 27.2971, 30.6514

Tritanomaly

25.3907, 27.2492, 33.1995

Monochromacy



Original Color

24.8323, 27.2510, 30.3367

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0367, 26.7023, 29.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8323, 27.2510, 30.3367 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(133, 145, 144) looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 144)  
}
```

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(133, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.8323, 27.2510, 30.3367 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(133, 145, 144) }
```


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

```
.border{ border-color:rgb(133, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8323, 27.2510, 30.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 144) }
```

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

```
.background{ background-color: rgb(133,  
145, 144) }
```

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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