

Converting Colors

XYZ(24.5877, 27.9068, 25.2636)

Have a look what the booklet for
XYZ(24.5877, 27.9068, 25.2636)
contains.

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Color

**XYZ(24.6108, 27.9424,
25.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	879482
RGB	135, 148, 130
RGB Percent	53%, 58%, 51%
CMY	0.4706, 0.4196, 0.4902
CMYK	0.09, 0.00, 0.12, 0.42
HSL	103°, 8%, 55%
HSV	103°, 12%, 58%
XYZ	24.6108, 27.9424, 25.2154
YIQ	142.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

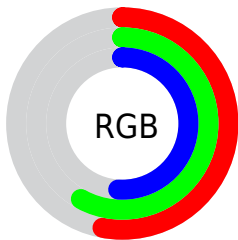
Format	Color
R_{YB}	130, 148, 143
Decimal	8885378
CIE _{Lab}	59.84, -8.19, 7.93
CIE _{LCh}	60, 11.406, 135.924
Yxy	27.9424, 0.3165, 0.3593
Android (android.graphics.Color)	4287075458 (0xFF879482)
YUV	142.0610, -5.9461, -6.1925
Hunter-Lab	52.8606, -9.4001, 8.7201

Details

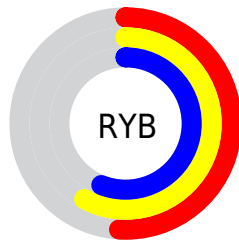
The XYZ color **24.6108, 27.9424, 25.2154** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6568, 23.9438, 31.3405**, and the grayscale version is **25.7592, 27.1007, 29.5127**.

A 20% lighter version of the original color is **50.4068, 56.3513, 53.0199**, and **9.5062, 11.0748, 9.4212** is the 20% darker color. If you saturate the color by 10%, you get **22.0536, 26.7316, 20.2777**, and if you desaturate by 10%, it is **27.4852, 29.3018, 30.9151**.

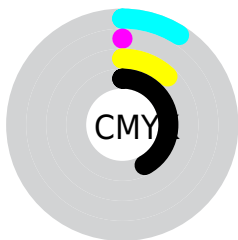
Distribution



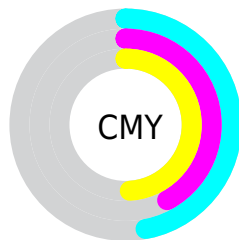
- Red (53%)
- Green (58%)
- Blue (51%)



- Red (51%)
- Yellow (58%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6108, 27.9424, 25.2154 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 24.6108, 27.9424, 25.2154 by changing the saturation by 10% instead.

■ 24.6108, 27.9424,
25.2154

■ 24.6108, 27.9424,
25.2154

268.2776,
292.1916, 292.3909

■ 15.9145, 18.2822,
16.0171

■ 50.4726, 56.3925,
52.9749

■ 9.5541, 11.1528,
9.3818

■ 68.3688, 75.9512,
72.3732

■ 5.1643, 6.1697,
4.8908

■ 90.0623, 99.5782,
96.0086

■ 2.3798, 2.9486,
2.1257

115.9186,
127.6579, 124.2996

■ 0.8350, 1.1049,
0.6310

146.3029,
160.5747, 157.6648

■ 0.0000, 0.0000,
0.0000

181.5806,

198.7130, 196.5228

222.1170,
242.4571, 241.2919

■ 24.6108, 27.9424,
25.2154

■ 24.6108, 27.9424,
25.2154

■ 22.0536, 26.7316,
20.2777

■ 27.4852, 29.3018,
30.9151

■ 19.8002, 25.6608,
16.0679

■ 30.6850, 30.8111,
37.4053

■ 17.8396, 24.7258,
12.5522

■ 34.2212, 32.4759,
44.7152

■ 16.1590, 23.9210,
9.6931

■ 38.1032, 34.3007,
52.8720

■ 14.7448, 23.2401,
7.4500

■ 42.3405, 36.2896,
61.9016

■ 13.5824, 22.6767,
5.7773

■ 46.9417, 38.4466,
71.8290

■ 12.6551, 22.2232,
4.6233

■ 51.9155, 40.7757,
82.6780

■ 11.9442, 21.8714,
3.9272

■ 57.2702, 43.2807,
94.4715

■ 11.5089, 21.6544,
3.5731

■ 61.6643, 45.4253,
100.1256

Harmonies

Analogous

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



25.8029, 27.9424, 23.3924



24.6108, 27.9424, 25.2154



23.9520, 27.9424, 28.5289

Triad

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



24.6108, 27.9424, 25.2154



25.8880, 27.9424, 38.8193



29.3225, 27.9424, 28.2919

Complementary

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



24.6108, 27.9424, 25.2154



24.6568, 23.9438, 31.3405

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.



29.3473, 27.9424, 32.4023



24.6108, 27.9424, 25.2154



27.3285, 27.9424, 38.7411

Square

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



24.6108, 27.9424, 25.2154



24.6711, 27.9424, 36.5105



28.6062, 27.9424, 36.3058



28.5396, 27.9424, 25.0555

Rectangle

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



24.6108, 27.9424, 25.2154



23.8880, 27.9424, 31.2537



28.6062, 27.9424, 36.3058



29.4207, 27.9424, 29.6101

Sweetspot

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



24.6116, 27.9436, 25.2160



47.4780, 51.2193, 52.5118



26.0506, 27.5237, 25.0591



10.7545, 11.6527, 11.8202



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.6116, 27.9436, 25.2160



41.9493, 48.6046, 41.6158



24.0928, 27.6453, 26.5846



5.8718, 6.5418, 6.1937



9.8537, 18.5076, 3.0530



0.1462, 0.2397, 0.0386

Inverse Universe

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



24.6568, 23.9438, 31.3405



42.0471, 39.9140, 54.9226



25.2381, 24.2786, 29.7829



5.8799, 5.8291, 7.2850



9.7618, 4.5050, 24.2861



0.1481, 0.0699, 0.2986

Previews

White Background



This preview shows how the XYZ color 24.6108, 27.9424, 25.2154 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 24.6108, 27.9424, 25.2154 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

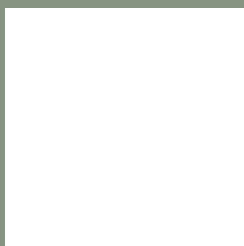
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6108, 27.9424, 25.2154

Background



This preview shows how black text looks on a background with the XYZ color 24.6108, 27.9424, 25.2154.



This preview shows how white text looks on a background with the XYZ color 24.6108, 27.9424,

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

24.6108, 27.9424, 25.2154

Protanopia

26.4472, 27.9891, 24.4306

Deuteranopia

28.2978, 27.8126, 25.7067



Tritanopia

26.6215, 27.8358, 35.4222

Trichromacy



Original Color

24.6108, 27.9424, 25.2154

Protanomaly

25.7649, 27.8555, 24.7876

Deuteranomaly

26.7186, 27.6601, 25.4034

Tritanomaly

25.8731, 27.7607, 31.5984

Monochromacy



Original Color

24.6108, 27.9424, 25.2154

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2082, 27.2705, 27.9799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6108, 27.9424, 25.2154 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(135, 148, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 130)  
}
```

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(135, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.6108, 27.9424, 25.2154 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(135, 148, 130) }
```


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

```
.border{ border-color:rgb(135, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6108, 27.9424, 25.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 130) }
```

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

```
.background{ background-color: rgb(135,  
148, 130) }
```

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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