

Converting Colors

XYZ(24.0906, 28.2039, 22.9154)

Have a look what the booklet for
XYZ(24.0906, 28.2039, 22.9154)
contains.

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Color

**XYZ(24.1544, 28.2293,
22.9146)**

Conversions

Conversions Part 1

Format	Color
Hex	85967B
RGB	133, 150, 123
RGB Percent	52%, 59%, 48%
CMY	0.4784, 0.4118, 0.5176
CMYK	0.11, 0.00, 0.18, 0.41
HSL	98°, 11%, 54%
HSV	98°, 18%, 59%
XYZ	24.1544, 28.2293, 22.9146
YIQ	141.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

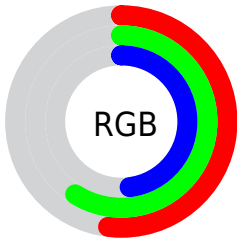
Format	Color
R_{YB}	123, 150, 140
Decimal	8754811
CIE _{Lab}	60.10, -11.29, 12.24
CIE _{LCh}	60, 16.649, 132.703
Yxy	28.2293, 0.3208, 0.3749
Android (android.graphics.Color)	4286944891 (0xFF85967B)
YUV	141.8390, -9.2876, -7.7518
Hunter-Lab	53.1313, -11.8305, 11.6211

Details

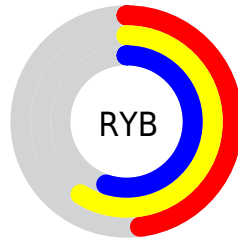
The XYZ color **24.1544, 28.2293, 22.9146** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.4042, 21.9441, 31.8577**, and the grayscale version is **25.6841, 27.0217, 29.4266**.

A 20% lighter version of the original color is **49.6790, 56.7594, 49.4116**, and **9.2652, 11.2571, 8.1631** is the 20% darker color. If you saturate the color by 10%, you get **21.8618, 27.1486, 18.2756**, and if you desaturate by 10%, it is **26.7265, 29.4392, 28.3190**.

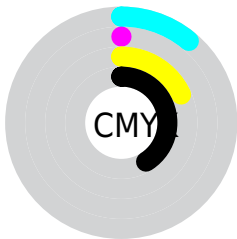
Distribution



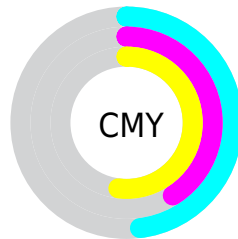
- Red (52%)
- Green (59%)
- Blue (48%)



- Red (48%)
- Yellow (59%)
- Blue (55%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1544, 28.2293, 22.9146 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 24.1544, 28.2293, 22.9146 by changing the saturation by 10% instead.

■ 24.1544, 28.2293,
22.9146

■ 24.1544, 28.2293,
22.9146

266.0262,
293.5610, 280.3937

■ 15.5736, 18.4986,
14.3258

■ 49.7349, 56.8503,
49.1745

■ 9.3118, 11.3085,
8.2062

■ 67.4652, 76.5094,
67.6826

■ 5.0039, 6.2748,
4.1375

■ 88.9761, 100.2468,
90.3342

■ 2.2843, 3.0129,
1.7011

114.6329,
128.4467, 117.5479

■ 0.7866, 1.1385,
0.3615

144.8009,
161.4938, 149.7421

■ 0.0000, 0.0106,
0.0000

179.8456,

■ 0.0000, 0.0000,

199.7722, 187.3355

0.0000

220.1322,
243.6665, 230.7465

■ 24.1544, 28.2293,
22.9146

■ 24.1544, 28.2293,
22.9146

■ 21.8618, 27.1486,
18.2756

■ 26.7265, 29.4392,
28.3190

■ 19.8365, 26.1889,
14.3655

■ 29.5854, 30.7787,
34.5194

■ 18.0685, 25.3469,
11.1479

■ 32.7409, 32.2531,
41.5467

■ 16.5463, 24.6174,
8.5821

■ 36.2015, 33.8663,
49.4300

■ 15.2574, 23.9950,
6.6236

■ 39.9756, 35.6217,
58.1966

■ 14.1881, 23.4736,
5.2219

■ 44.0710, 37.5231,
67.8729

■ 13.3229, 23.0467,
4.3185

■ 48.4954, 39.5737,
78.4839

■ 12.6358, 22.7032,
3.8023

■ 53.2561, 41.7767,
90.0540

■ 12.5128, 22.6417,
3.7108

■ 57.8728, 43.9405,
100.0389

Harmonies

Analogous

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



25.9427, 28.2293, 20.6765



24.1544, 28.2293, 22.9146



23.1160, 28.2293, 27.3873

Triad

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



24.1544, 28.2293, 22.9146



25.6345, 28.2293, 43.3176



31.0176, 28.2293, 28.2350

Complementary

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



24.1544, 28.2293, 22.9146



23.4042, 21.9441, 31.8577

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.



30.9243, 28.2293, 34.3491



24.1544, 28.2293, 22.9146



27.7396, 28.2293, 43.6236

Square

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



24.1544, 28.2293, 22.9146



23.9391, 28.2293, 39.3754



29.6986, 28.2293, 40.1631



29.9471, 28.2293, 23.4644

Rectangle

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



24.1544, 28.2293, 22.9146



22.9532, 28.2293, 31.2920



29.6986, 28.2293, 40.1631



31.1229, 28.2293, 30.1885

Sweetspot

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



24.1552, 28.2305, 22.9152



48.5754, 52.6130, 53.0030



25.4809, 26.5692, 22.5247



10.6959, 11.6274, 11.5976



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.



24.1552, 28.2305, 22.9152



40.7731, 48.9447, 36.6463



22.8511, 27.5351, 23.9004



5.9204, 6.5668, 6.1959



10.4105, 18.7947, 3.0790



0.1580, 0.2458, 0.0391

Inverse Universe

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



23.4042, 21.9441, 31.8577



39.1707, 35.5383, 55.7163



24.9164, 22.7526, 30.6219



5.8292, 5.8029, 7.2826



8.4688, 3.8384, 24.2256



0.1363, 0.0638, 0.2980

Previews

White Background



This preview shows how the XYZ color 24.1544, 28.2293, 22.9146 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 24.1544, 28.2293, 22.9146 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 24.1544, 28.2293, 22.9146

Background



This preview shows how black text looks on a background with the XYZ color 24.1544, 28.2293, 22.9146.



This preview shows how white text looks on a background with the XYZ color 24.1544, 28.2293,

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

24.1544, 28.2293, 22.9146

Protanopia

26.5003, 28.0749, 21.7916

Deuteranopia

28.4513, 27.9452, 23.2965



Tritanopia

26.6924, 28.0884, 35.9130

Trichromacy



Original Color

24.1544, 28.2293, 22.9146

Protanomaly

25.5841, 28.0492, 22.1548

Deuteranomaly

26.5974, 27.8725, 23.0469

Tritanomaly

25.6979, 28.1460, 30.8664

Monochromacy



Original Color

24.1544, 28.2293, 22.9146

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1460, 27.4890, 26.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1544, 28.2293, 22.9146 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, 150, 123)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 123)  
}
```

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, 150, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.1544, 28.2293, 22.9146 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, 150, 123) }
```


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

```
.border{ border-color:rgb(133, 150, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 123);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1544, 28.2293, 22.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 123) }
```

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

```
.background{ background-color: rgb(133,  
150, 123) }
```

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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