

Converting Colors

XYZ(24.4302, 27.4456, 30.8722)

Have a look what the booklet for
XYZ(24.4302, 27.4456, 30.8722)
contains.

XYZ(24.4466, 27.5010, 30.8078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.4466, 27.5010,
30.8078)**

Conversions

Conversions Part 1

Format	Color
Hex	809391
RGB	128, 147, 145
RGB Percent	50%, 58%, 57%
CMY	0.4980, 0.4235, 0.4314
CMYK	0.13, 0.00, 0.01, 0.42
HSL	174°, 8%, 54%
HSV	174°, 13%, 58%
XYZ	24.4466, 27.5010, 30.8078
YIQ	141.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

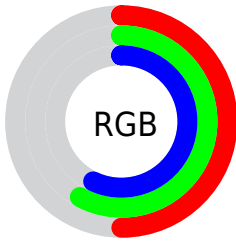
Format	Color
R_{YB}	128, 138, 147
Decimal	8426385
CIE _{Lab}	59.44, -7.17, -1.24
CIE _{LCh}	59, 7.280, 189.798
Yxy	27.5010, 0.2954, 0.3323
Android (android.graphics.Color)	4286616465 (0xFF809391)
YUV	141.0910, 1.9271, -11.4808
Hunter-Lab	52.4414, -8.5611, 1.8778

Details

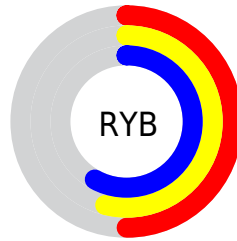
The XYZ color **24.4466, 27.5010, 30.8078** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7820, 23.2537, 24.3552**, and the grayscale version is **25.3494, 26.6696, 29.0432**.

A 20% lighter version of the original color is **50.2515, 55.7206, 62.1394**, and **9.4729, 10.8542, 12.4223** is the 20% darker color. If you saturate the color by 10%, you get **22.2753, 26.3961, 30.0874**, and if you desaturate by 10%, it is **26.9415, 28.7740, 31.5530**.

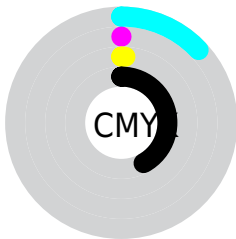
Distribution



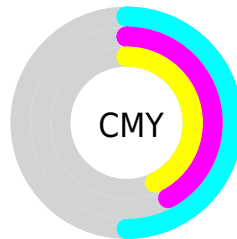
- Red (50%)
- Green (58%)
- Blue (57%)



- Red (50%)
- Yellow (54%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4466, 27.5010, 30.8078 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 24.4466, 27.5010, 30.8078 by changing the saturation by 10% instead.

■ 24.4466, 27.5010,
30.8078

■ 24.4466, 27.5010,
30.8078

267.4694,
290.0748, 319.9756

■ 15.7918, 17.9498,
20.1953

■ 50.2074, 55.6868,
62.0134

■ 9.4668, 10.9140,
12.3516

■ 68.0441, 75.0902,
83.4435

■ 5.1064, 6.0090,
6.8582

■ 89.6721, 98.5465,
109.3166

■ 2.3453, 2.8506,
3.2965

115.4568,
126.4400, 140.0513

■ 0.8177, 1.0542,
1.2479

145.7635,
159.1552, 176.0659

■ 0.0000, 0.0000,
0.0185

180.9576,

■ 0.0000, 0.0000,

197.0765, 217.7792

0.0000

221.4044,
240.5882, 265.6096

■ 24.4466, 27.5010,
30.8078

■ 24.4466, 27.5010,
30.8078

■ 22.2753, 26.3961,
30.0874

■ 26.9415, 28.7740,
31.5530

■ 20.4115, 25.4488,
29.3893

■ 29.7705, 30.2183,
32.3218

■ 18.8412, 24.6526,
28.7133

■ 32.9466, 31.8414,
33.1154

■ 17.5486, 23.9994,
28.0588

■ 36.4814, 33.6492,
33.9345

■ 16.5162, 23.4802,
27.4248

■ 40.3858, 35.6473,
34.7794

■ 15.7246, 23.0849,
26.8104

■ 44.6706, 37.8413,
35.6508

■ 15.1517, 22.8021,
26.2145

■ 49.3456, 40.2364,
36.5492

■ 14.7711, 22.6183,
25.6359

■ 54.4209, 42.8375,
37.4750

■ 14.5658, 22.5212,
25.2346

■ 57.9273, 44.6297,
38.3362

Harmonies

Analogous

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



24.5255, 27.5010, 28.2408



24.4466, 27.5010, 30.8078



24.8130, 27.5010, 33.2792

Triad

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



24.4466, 27.5010, 30.8078



27.2789, 27.5010, 33.9758



26.7499, 27.5010, 25.4684

Complementary

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



24.4466, 27.5010, 30.8078



23.7820, 23.2537, 24.3552

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.



27.5112, 27.5010, 26.8393



24.4466, 27.5010, 30.8078



27.8215, 27.5010, 31.7142

Square

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



24.4466, 27.5010, 30.8078



26.4388, 27.5010, 35.1773



27.9075, 27.5010, 29.0963



25.8412, 27.5010, 25.2571

Rectangle

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



24.4466, 27.5010, 30.8078



25.2655, 27.5010, 34.5034



27.9075, 27.5010, 29.0963



27.0321, 27.5010, 25.8049

Sweetspot

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



24.4474, 27.5021, 30.8084



47.6997, 51.2489, 56.3479



23.5700, 27.1901, 24.4283



10.8139, 11.6608, 12.8414



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.



24.4474, 27.5021, 30.8084



42.3927, 48.5434, 54.7268



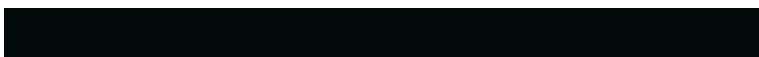
23.5060, 25.3701, 31.2632



5.9381, 6.5518, 7.2847



12.6325, 19.5258, 21.9042



0.1607, 0.2414, 0.3002

Inverse Universe

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



23.7820, 23.2537, 24.3552



40.9221, 39.1522, 40.4629



24.6334, 25.1695, 23.9822



5.8242, 5.8247, 6.1802



10.5144, 5.4108, 0.9241



0.1336, 0.0682, 0.0370

Previews

White Background



This preview shows how the XYZ color 24.4466, 27.5010, 30.8078 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 24.4466, 27.5010, 30.8078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

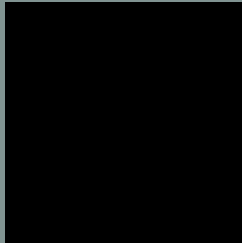
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

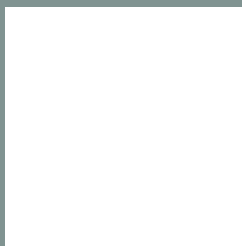
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4466, 27.5010, 30.8078

Background



This preview shows how black text looks on a background with the XYZ color 24.4466, 27.5010, 30.8078.



This preview shows how white text looks on a background with the XYZ color 24.4466, 27.5010,

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

24.4466, 27.5010, 30.8078

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.8725, 27.2521, 31.3949



Tritanopia

25.4171, 27.4309, 35.8534

Trichromacy



Original Color

24.4466, 27.5010, 30.8078

Protanomaly

25.5786, 27.4187, 29.9308

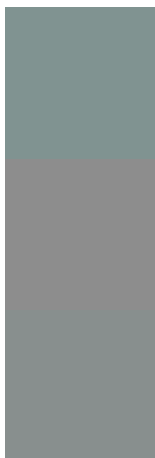
Deuteranomaly

26.3902, 27.1448, 31.0427

Tritanomaly

25.0819, 27.5248, 34.1279

Monochromacy



Original Color

24.4466, 27.5010, 30.8078

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8583, 26.8322, 29.4601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4466, 27.5010, 30.8078 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(128, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 145)  
}
```

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(128, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.4466, 27.5010, 30.8078 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(128, 147, 145) }
```


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

```
.border{ border-color:rgb(128, 147, 145) }
```

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

Here you see how a box with a 4 pixel rgb(128, 147, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4466, 27.5010, 30.8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 145) }
```

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

```
.background{ background-color: rgb(128,  
147, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor