

Converting Colors

XYZ(23.9704, 27.4767, 29.2364)

Have a look what the booklet for
XYZ(23.9704, 27.4767, 29.2364)
contains.

XYZ(24.0018, 27.5385, 29.2497)	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(24.0018, 27.5385,
29.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	7E948D
RGB	126, 148, 141
RGB Percent	49%, 58%, 55%
CMY	0.5059, 0.4196, 0.4471
CMYK	0.15, 0.00, 0.05, 0.42
HSL	161°, 9%, 54%
HSV	161°, 15%, 58%
XYZ	24.0018, 27.5385, 29.2497
YIQ	140.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

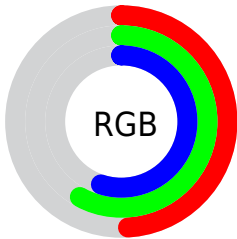
Format	Color
RYB	126, 139, 148
Decimal	8295565
CIELab	59.47, -9.26, 1.07
CIELCh	59, 9.324, 173.398
Yxy	27.5385, 0.2971, 0.3409
Android (android.graphics.Color)	4286485645 (0xFF7E948D)
YUV	140.6240, 0.1854, -12.8252
Hunter-Lab	52.4771, -10.1933, 3.6869

Details

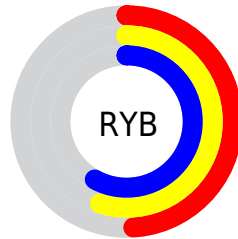
The XYZ color **24.0018, 27.5385, 29.2497** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9082, 22.9118, 25.3539**, and the grayscale version is **25.1733, 26.4842, 28.8413**.

A 20% lighter version of the original color is **49.5613, 55.7649, 59.7813**, and **9.2236, 10.8825, 11.5119** is the 20% darker color. If you saturate the color by 10%, you get **21.6359, 26.3592, 27.3485**, and if you desaturate by 10%, it is **26.7071, 28.8925, 31.2457**.

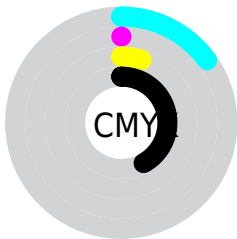
Distribution



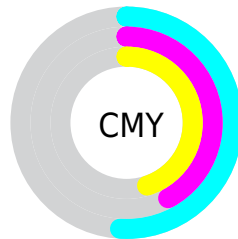
- Red (49%)
- Green (58%)
- Blue (55%)



- Red (49%)
- Yellow (55%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0018, 27.5385, 29.2497 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 24.0018, 27.5385, 29.2497 by changing the saturation by 10% instead.

■ 24.0018, 27.5385,
29.2497

■ 24.0018, 27.5385,
29.2497

265.2699,
290.2551, 312.4890

■ 15.4597, 17.9781,
19.0226

■ 49.4878, 55.7468,
59.5205

■ 9.2311, 10.9342,
11.5096

■ 67.1624, 75.1634,
80.4012

■ 4.9505, 6.0226,
6.2923

■ 88.6119, 98.6343,
105.6703

■ 2.2527, 2.8588,
2.9519

114.2016,
126.5437, 135.7462

■ 0.7703, 1.0585,
1.0701

144.2969,
159.2761, 171.0475

■ 0.0000, 0.0000,
0.0000

179.2631,

197.2158, 211.9927

219.4657,
240.7474, 259.0004

■ 24.0018, 27.5385,
29.2497

■ 24.0018, 27.5385,
29.2497

■ 21.6359, 26.3592,
27.3485

■ 26.7071, 28.8925,
31.2457

■ 19.5927, 25.3439,
25.5388

■ 29.7628, 30.4247,
33.3363

■ 17.8577, 24.4857,
23.8194

■ 33.1825, 32.1428,
35.5237

■ 16.4142, 23.7762,
22.1885

■ 36.9783, 34.0529,
37.8092

■ 15.2440, 23.2058,
20.6443

■ 41.1614, 36.1609,
40.1944

■ 14.3265, 22.7642,
19.1848

■ 45.7431, 38.4726,
42.6805

■ 13.6385, 22.4393,
17.8079

■ 50.7338, 40.9932,
45.2690

■ 13.1498, 22.2155,
16.5110

■ 56.1436, 43.7281,
47.9613

■ 12.9345, 22.1185,
15.8740

■ 60.4187, 45.8761,
50.6853

Harmonies

Analogous

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



24.4089, 27.5385, 26.3032



24.0018, 27.5385, 29.2497



24.1628, 27.5385, 32.6180

Triad

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



24.0018, 27.5385, 29.2497



27.0785, 27.5385, 36.2981



27.5396, 27.5385, 25.1020

Complementary

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



24.0018, 27.5385, 29.2497



23.9082, 22.9118, 25.3539

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.



28.2950, 27.5385, 27.4972



24.0018, 27.5385, 29.2497



28.0233, 27.5385, 33.9947

Square

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



24.0018, 27.5385, 29.2497



25.9166, 27.5385, 36.8544



28.4746, 27.5385, 30.7320



26.4342, 27.5385, 24.0266

Rectangle

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



24.0018, 27.5385, 29.2497



24.5730, 27.5385, 34.6350



28.4746, 27.5385, 30.7320



27.8442, 27.5385, 25.7705

Sweetspot

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



24.0026, 27.5397, 29.2503



47.5221, 51.1779, 55.4127



24.0823, 27.7011, 23.8167



10.7665, 11.6418, 12.5916



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.



24.0026, 27.5397, 29.2503



40.8241, 47.8285, 50.4174



23.9742, 26.6225, 31.8934



5.8864, 6.5311, 7.0125



11.0603, 18.8969, 13.6252



0.1488, 0.2367, 0.2375

Inverse Universe

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



23.9082, 22.9118, 25.3539



40.6237, 37.9826, 42.1291



23.9179, 23.6797, 23.0491



5.8723, 5.8440, 6.4338



10.8830, 5.5582, 2.8648



0.1455, 0.0729, 0.0996

Previews

White Background



This preview shows how the XYZ color 24.0018, 27.5385, 29.2497 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 24.0018, 27.5385, 29.2497 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

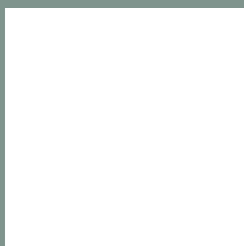
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0018, 27.5385, 29.2497

Background



This preview shows how black text looks on a background with the XYZ color 24.0018, 27.5385, 29.2497.



This preview shows how white text looks on a background with the XYZ color 24.0018, 27.5385,

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

24.0018, 27.5385, 29.2497

Protanopia

26.2931, 27.3840, 27.9446

Deuteranopia

27.9510, 27.3282, 29.7883



Tritanopia

25.4179, 27.6592, 35.8974

Trichromacy



Original Color

24.0018, 27.5385, 29.2497

Protanomaly

25.2809, 27.2996, 28.3630

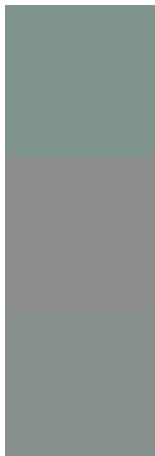
Deuteranomaly

26.4095, 27.4100, 29.4899

Tritanomaly

24.9217, 27.6910, 33.3095

Monochromacy



Original Color

24.0018, 27.5385, 29.2497

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9343, 27.1038, 29.1167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0018, 27.5385, 29.2497 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(126, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 141)  
}
```

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(126, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.0018, 27.5385, 29.2497 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(126, 148, 141) }
```


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

```
.border{ border-color:rgb(126, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0018, 27.5385, 29.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 141) }
```

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

```
.background{ background-color: rgb(126,  
148, 141) }
```

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