

Converting Colors

XYZ(24.6489, 27.3345, 35.5166)

Have a look what the booklet for
XYZ(24.6489, 27.3345, 35.5166)
contains.

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Color

**XYZ(24.5918, 27.2432,
35.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	7C929C
RGB	124, 146, 156
RGB Percent	49%, 57%, 61%
CMY	0.5137, 0.4274, 0.3882
CMYK	0.21, 0.06, 0.00, 0.39
HSL	199°, 14%, 55%
HSV	199°, 21%, 61%
XYZ	24.5918, 27.2432, 35.4148
YIQ	140.5620, -16.3220, -1.5540

Conversions

Conversions Part 2

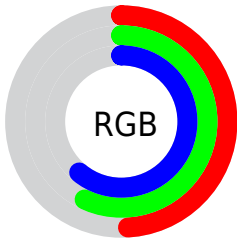
Format	Color
RYB	124, 137, 156
Decimal	8163996
CIELab	59.20, -5.53, -7.89
CIELCh	59, 9.633, 234.990
Yxy	27.2432, 0.2819, 0.3122
Android (android.graphics.Color)	4286354076 (0xFF7C929C)
YUV	140.5620, 7.6109, -14.5249
Hunter-Lab	52.1950, -7.2406, -3.6923

Details

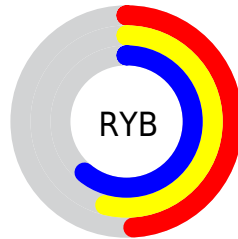
The XYZ color **24.5918, 27.2432, 35.4148** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8736, 25.5732, 22.6417**, and the grayscale version is **25.1225, 26.4309, 28.7832**.

A 20% lighter version of the original color is **50.4186, 55.3088, 68.9911**, and **9.5567, 10.8415, 14.9535** is the 20% darker color. If you saturate the color by 10%, you get **21.7781, 24.7016, 35.0730**, and if you desaturate by 10%, it is **27.7959, 30.0350, 35.7852**.

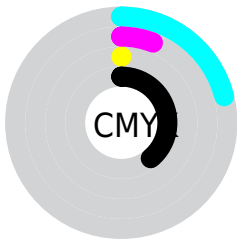
Distribution



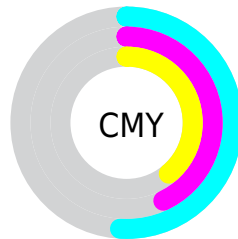
- Red (49%)
- Green (57%)
- Blue (61%)



- Red (49%)
- Yellow (54%)
- Blue (61%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5918, 27.2432, 35.4148 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 24.5918, 27.2432, 35.4148 by changing the saturation by 10% instead.

■ 24.5918, 27.2432,
35.4148

■ 24.5918, 27.2432,
35.4148

268.1842,
288.8327, 341.3552

■ 15.9003, 17.7560,
23.6965

■ 50.4419, 55.2739,
69.2867

■ 9.5440, 10.7749,
14.8985

■ 68.3312, 74.5861,
92.2774

■ 5.1576, 5.9157,
8.6023

■ 90.0172, 97.9421,
119.8625

■ 2.3758, 2.7939,
4.3895

115.8652,
125.7263, 152.4608

■ 0.8330, 1.0251,
1.8414

146.2405,
158.3231, 190.4906

■ 0.0000, 0.0000,
0.4550

181.5085,

■ 0.0000, 0.0000,

196.1168, 234.3706

0.0000

222.0347,
239.4919, 284.5193

■ 24.5918, 27.2432,
35.4148

■ 24.5918, 27.2432,
35.4148

■ 21.7781, 24.7016,
35.0730

■ 27.7959, 30.0350,
35.7852

■ 19.3351, 22.3975,
34.7570

■ 31.4039, 33.0824,
36.1833

■ 17.2453, 20.3218,
34.4665

■ 35.4317, 36.3949,
36.6104

■ 15.4884, 18.4635,
34.2004

■ 39.8936, 39.9805,
37.0673

■ 14.0422, 16.8105,
33.9575

■ 44.8032, 43.8467,
37.5548

■ 12.8813, 15.3491,
33.7367

■ 50.1735, 48.0006,
38.0735

■ 11.9762, 14.0634,
33.5362

■ 56.0168, 52.4494,
38.6242

■ 11.2858, 12.9703,
33.3616

■ 62.3452, 57.1995,
39.2076

■ 65.6259, 60.4304,
39.6583

Harmonies

Analogous

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



23.8572, 27.2432, 32.5450



24.5918, 27.2432, 35.4148



25.6928, 27.2432, 36.7492

Triad

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



24.5918, 27.2432, 35.4148



28.2624, 27.2432, 30.2444



24.9307, 27.2432, 24.0650

Complementary

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



24.5918, 27.2432, 35.4148



25.8736, 25.5732, 22.6417

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.



26.0960, 27.2432, 23.5522



24.5918, 27.2432, 35.4148



28.0432, 27.2432, 26.9568

Square

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



24.5918, 27.2432, 35.4148



27.8311, 27.2432, 33.6205



27.2411, 27.2432, 24.5707



24.0486, 27.2432, 26.0293

Rectangle

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



24.5918, 27.2432, 35.4148



26.4956, 27.2432, 36.5193



27.2411, 27.2432, 24.5707



25.3013, 27.2432, 23.7239

Sweetspot

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



24.5926, 27.2443, 35.4154



53.2716, 56.9249, 65.3066



24.4763, 29.7726, 26.8654



11.6381, 12.4549, 14.3610



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5926, 27.2443, 35.4154



42.0333, 47.1266, 64.0077



22.3493, 22.7578, 34.6677



6.6469, 7.1595, 8.4383



9.3278, 10.7471, 27.4900



0.2026, 0.2638, 0.5035

Inverse Universe

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



26.1069, 23.5591, 30.3669



45.3773, 39.2535, 52.7993



28.1915, 30.2089, 23.4143



6.8159, 6.7193, 7.8814



13.5064, 6.7071, 12.1839



0.2596, 0.1272, 0.3131

Previews

White Background



This preview shows how the XYZ color 24.5918, 27.2432, 35.4148 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 24.5918, 27.2432, 35.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

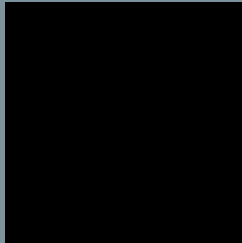
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

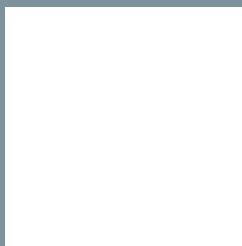
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5918, 27.2432, 35.4148

Background



This preview shows how black text looks on a background with the XYZ color 24.5918, 27.2432, 35.4148.

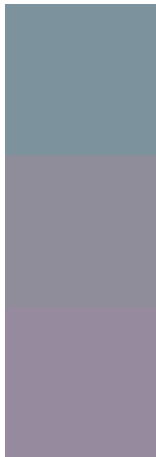


This preview shows how white text looks on a background with the XYZ color 24.5918, 27.2432,

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

24.5918, 27.2432, 35.4148

Protanopia

26.4300, 27.1004, 33.9749

Deuteranopia

27.6545, 27.0351, 36.1085



Tritanopia

24.6769, 27.2772, 35.8627

Trichromacy



Original Color

24.5918, 27.2432, 35.4148

Protanomaly

25.6469, 27.1289, 34.4565

Deuteranomaly

26.4259, 27.0595, 35.7285

Tritanomaly

24.6769, 27.2772, 35.8627

Monochromacy



Original Color

24.5918, 27.2432, 35.4148

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0024, 26.8711, 31.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5918, 27.2432, 35.4148 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(124, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 156)  
}
```

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(124, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.5918, 27.2432, 35.4148 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(124, 146, 156) }
```


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

```
.border{ border-color:rgb(124, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5918, 27.2432, 35.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 156) }
```

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

```
.background{ background-color: rgb(124,  
146, 156) }
```

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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