

Converting Colors

XYZ(25.0090, 26.4308, 38.1933)

Have a look what the booklet for
XYZ(25.0090, 26.4308, 38.1933)
contains.

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Color

**XYZ(24.9470, 26.4667,
37.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8EA2
RGB	127, 142, 162
RGB Percent	50%, 56%, 64%
CMY	0.5020, 0.4431, 0.3647
CMYK	0.22, 0.12, 0.00, 0.36
HSL	214°, 16%, 57%
HSV	214°, 22%, 64%
XYZ	24.9470, 26.4667, 37.9761
YIQ	139.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

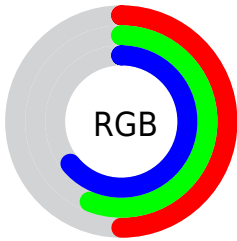
Format	Color
RYB	127, 138, 162
Decimal	8359586
CIELab	58.48, -0.89, -12.37
CIELCh	58, 12.405, 265.882
Yxy	26.4667, 0.2791, 0.2961
Android (android.graphics.Color)	4286549666 (0xFF7F8EA2)
YUV	139.7950, 10.9471, -11.2212
Hunter-Lab	51.4458, -3.4723, -7.7545

Details

The XYZ color **24.9470, 26.4667, 37.9761** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1650, 30.0811, 24.3484**, and the grayscale version is **24.8115, 26.1037, 28.4269**.

A 20% lighter version of the original color is **51.0867, 54.1929, 73.4134**, and **9.7022, 10.3579, 16.2398** is the 20% darker color. If you saturate the color by 10%, you get **21.4052, 22.6811, 37.4325**, and if you desaturate by 10%, it is **28.9928, 30.6832, 38.5772**.

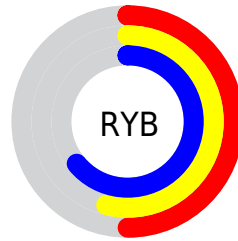
Distribution



Red (50%)

Green (56%)

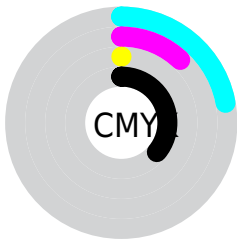
Blue (64%)



Red (50%)

Yellow (54%)

Blue (64%)

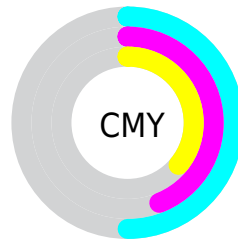


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9470, 26.4667, 37.9761 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 24.9470, 26.4667, 37.9761 by changing the saturation by 10% instead.

■ 24.9470, 26.4667,
37.9761

■ 24.9470, 26.4667,
37.9761

269.9264,
285.0656, 352.8125

■ 16.1661, 17.1731,
25.6625

■ 51.0147, 54.0269,
73.2745

■ 9.7334, 10.3580,
16.3478

■ 69.0323, 73.0623,
97.0964

■ 5.2834, 5.6370,
9.6136

■ 90.8594, 96.1137,
125.5914

■ 2.4510, 2.6256,
5.0413

116.8615,
123.5656, 159.1781

■ 0.8706, 0.9396,
2.2123

147.4039,
155.8024, 198.2750

■ 0.0000, 0.0000,
0.6815

182.8519,

■ 0.0000, 0.0000,

193.2084, 243.3007

0.0000

223.5710,
236.1680, 294.6737

■ 24.9470, 26.4667,
37.9761

■ 24.9470, 26.4667,
37.9761

■ 21.4052, 22.6811,
37.4325

■ 28.9928, 30.6832,
38.5772

■ 18.3437, 19.3082,
36.9428

■ 33.5600, 35.3416,
39.2356

■ 15.7403, 16.3329,
36.5058

■ 38.6684, 40.4566,
39.9537

■ 13.5702, 13.7379,
36.1193

■ 44.3357, 46.0410,
40.7329

■ 11.8059, 11.5045,
35.7812

■ 50.5789, 52.1073,
41.5747

■ 10.4163, 9.6118,
35.4891

■ 57.4143, 58.6672,
42.4806

■ 9.3651, 8.0358,
35.2403

■ 64.8575, 65.7322,
43.4520

■ 8.6768, 6.9189,
35.0610

■ 72.3314, 73.0082,
44.4625

■ 74.7709, 77.8872,
45.2757

Harmonies

Analogous

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



23.5554, 26.4667, 36.2996



24.9470, 26.4667, 37.9761



26.4504, 26.4667, 37.0035

Triad

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



24.9470, 26.4667, 37.9761



27.8717, 26.4667, 25.3236



22.8180, 26.4667, 24.3827

Complementary

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



24.9470, 26.4667, 37.9761



29.1650, 30.0811, 24.3484

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.



23.9042, 26.4667, 21.9381



24.9470, 26.4667, 37.9761



26.8271, 26.4667, 22.4418

Square

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



24.9470, 26.4667, 37.9761



28.1779, 26.4667, 29.4216



25.3658, 26.4667, 21.2646



22.3579, 26.4667, 28.2222

Rectangle

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



24.9470, 26.4667, 37.9761



27.3079, 26.4667, 35.0312



25.3658, 26.4667, 21.2646



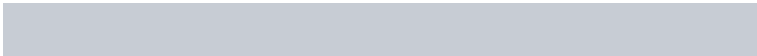
23.1198, 26.4667, 23.3862

Sweetspot

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



24.9478, 26.4678, 37.9767



57.0664, 60.2445, 70.6768



26.9266, 32.4545, 32.3809



12.7028, 13.4144, 15.8572



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.9478, 26.4678, 37.9767



42.0335, 44.5923, 68.4479



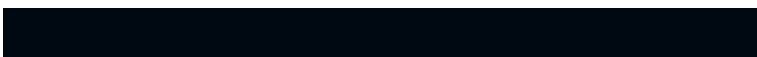
23.2155, 22.4813, 37.2985



6.9384, 7.3359, 8.9533



6.8769, 5.5331, 27.6353



0.1910, 0.2093, 0.5962

Inverse Universe

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



27.3728, 24.8138, 28.9393



47.3029, 41.2347, 48.7569



31.1822, 34.8127, 25.1554



7.1939, 7.1340, 8.0075



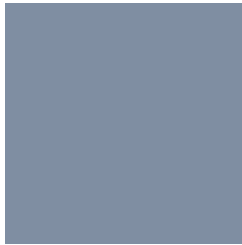
12.6166, 6.4027, 5.1716



0.2886, 0.1439, 0.2323

Previews

White Background



This preview shows how the XYZ color 24.9470, 26.4667, 37.9761 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 24.9470, 26.4667, 37.9761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

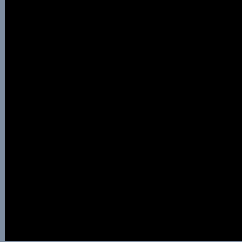
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

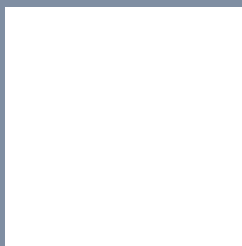
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9470, 26.4667, 37.9761

Background



This preview shows how black text looks on a background with the XYZ color 24.9470, 26.4667, 37.9761.



This preview shows how white text looks on a background with the XYZ color 24.9470, 26.4667,

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

24.9470, 26.4667, 37.9761

Protanopia

25.8943, 26.3217, 36.9735

Deuteranopia

26.8842, 26.3753, 38.3243



Tritanopia

24.3430, 26.4471, 34.8321

Trichromacy



Original Color

24.9470, 26.4667, 37.9761

Protanomaly

25.4840, 26.3159, 37.4545

Deuteranomaly

26.1600, 26.4279, 38.3727

Tritanomaly

24.5982, 26.5492, 36.1758

Monochromacy



Original Color

24.9470, 26.4667, 37.9761

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8618, 26.3388, 31.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9470, 26.4667, 37.9761 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(127, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(127, 142, 162)  
}
```

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(127, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 142, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.9470, 26.4667, 37.9761 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(127, 142, 162) }
```


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

```
.border{ border-color:rgb(127, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(127, 142,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9470, 26.4667, 37.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 142, 162) }
```

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

```
.background{ background-color: rgb(127,  
142, 162) }
```

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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