

# Converting Colors

XYZ(24.0539, 30.0475, 40.8968)

Have a look what the booklet for  
XYZ(24.0539, 30.0475, 40.8968)  
contains.

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# Color

**XYZ(24.0925, 30.0192,  
41.0837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9FA7
RGB	95, 159, 167
RGB Percent	37%, 62%, 65%
CMY	0.6274, 0.3765, 0.3451
CMYK	0.43, 0.05, 0.00, 0.35
HSL	187°, 29%, 51%
HSV	187°, 43%, 65%
XYZ	24.0925, 30.0192, 41.0837
YIQ	140.7760, -40.7120, -11.0800

# Conversions

## Conversions Part 2

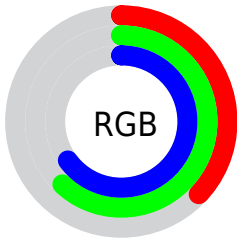
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 129, 167
Decimal	6266791
CIELab	61.67, -18.35, -10.61
CIElCh	62, 21.197, 210.025
Yxy	30.0192, 0.2531, 0.3153
Android (android.graphics.Color)	4284456871 (0xFF5F9FA7)
YUV	140.7760, 12.9284, -40.1456
Hunter-Lab	54.7898, -17.3910, -6.1053

# Details

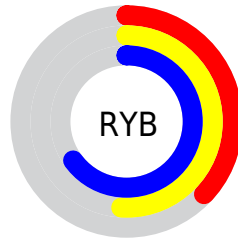
The XYZ color **24.0925, 30.0192, 41.0837** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8527, 18.7426, 13.2404**, and the grayscale version is **25.1929, 26.5049, 28.8638**.

A 20% lighter version of the original color is **49.6258, 59.7566, 78.0259**, and **9.2273, 12.2043, 18.0890** is the 20% darker color. If you saturate the color by 10%, you get **22.2239, 28.5865, 40.9062**, and if you desaturate by 10%, it is **26.3396, 31.6555, 41.2816**.

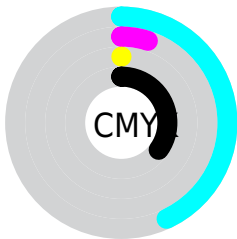
# Distribution



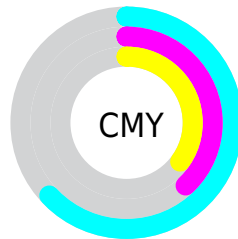
- Red (37%)
- Green (62%)
- Blue (65%)



- Red (37%)
- Yellow (51%)
- Blue (65%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (38%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0925, 30.0192, 41.0837 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 24.0925, 30.0192, 41.0837 by changing the saturation by 10% instead.



■ 24.0925, 30.0192,  
41.0837

■ 24.0925, 30.0192,  
41.0837

265.7196,  
301.9939, 366.3573

■ 15.5274, 19.8532,  
28.0643

■ 49.6347, 59.6925,  
78.0660

■ 9.2790, 12.2884,  
18.1347

■ 67.3424, 79.9686,  
102.8660

■ 4.9822, 6.9404,  
10.8763

■ 88.8284, 104.3835,  
132.4299

■ 2.2715, 3.4248,  
5.8706

■ 114.4580,  
133.3216, 167.1762

■ 0.7800, 1.3573,  
2.6990

144.5966,  
167.1673, 207.5236

■ 0.0000, 0.1850,  
0.9429

179.6095,

■ 0.0000, 0.0000,

206.3050, 253.8906

0.0000

219.8620,  
251.1191, 306.6956

■ 24.0925, 30.0192,  
41.0837

■ 24.0925, 30.0192,  
41.0837

■ 22.2239, 28.5865,  
40.9062

■ 26.3396, 31.6555,  
41.2816

■ 20.7070, 27.3415,  
40.7458

■ 28.9844, 33.5033,  
41.4989

■ 19.5160, 26.2716,  
40.6021

■ 32.0479, 35.5741,  
41.7371

■ 18.6201, 25.3608,  
40.4735

■ 35.5489, 37.8776,  
41.9972

■ 17.9827, 24.5903,  
40.3584

■ 39.5052, 40.4231,  
42.2800

■ 17.6356, 24.1110,  
40.2841

■ 43.9334, 43.2191,  
42.5863

■ 48.8493, 46.2738,  
42.9169

■ 54.2680, 49.5951,  
43.2723

■ 60.2040, 53.1903,  
43.6534

# Harmonies

## Analogous

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



23.4486, 30.0192, 32.6925



24.0925, 30.0192, 41.0837



25.9093, 30.0192, 48.0590

# Triad

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



24.0925, 30.0192, 41.0837



33.4893, 30.0192, 41.0702



28.5300, 30.0192, 19.4916

# Complementary

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



24.0925, 30.0192, 41.0837



22.8527, 18.7426, 13.2404

# 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.



31.3267, 30.0192, 20.9998



24.0925, 30.0192, 41.0837



34.3024, 30.0192, 32.6791

# Square

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



24.0925, 30.0192, 41.0837



31.3310, 30.0192, 48.0503



33.4867, 30.0192, 25.5182



25.9055, 30.0192, 21.0048



# Rectangle

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



24.0925, 30.0192, 41.0837



27.6038, 30.0192, 50.4796



33.4867, 30.0192, 25.5182



29.4815, 30.0192, 19.6583

# Sweetspot

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



24.0934, 30.0204, 41.0844



57.3227, 63.6619, 74.7420



20.9469, 31.0342, 17.5094



12.5508, 14.0611, 16.7047



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656



# Same Dimension

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



24.0934, 30.0204, 41.0844



39.8528, 51.2369, 73.2645



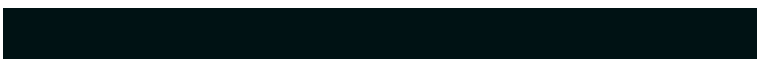
18.8777, 19.5889, 39.3458



7.6753, 8.3876, 9.6328



13.5169, 18.4940, 30.8328



0.3483, 0.4889, 0.7567



# Inverse Universe

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



26.2873, 18.9039, 35.0655



44.4219, 28.9927, 60.5257



27.1198, 27.2768, 14.6628



7.8055, 7.6521, 9.2928



16.3233, 7.9380, 22.3119

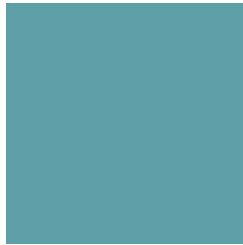


0.4070, 0.1971, 0.5946



# Previews

## White Background



This preview shows how the XYZ color 24.0925, 30.0192, 41.0837 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 24.0925, 30.0192, 41.0837 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

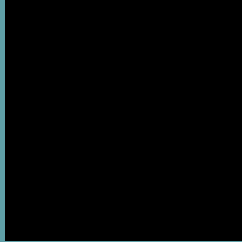
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 24.0925, 30.0192, 41.0837**

## **Background**



This preview shows how black text looks on a background with the XYZ color 24.0925, 30.0192, 41.0837.



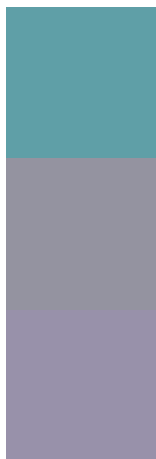
This preview shows how white text looks on a background with the XYZ color 24.0925, 30.0192,



# 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

24.0925, 30.0192, 41.0837

### Protanopia

28.9916, 29.7014, 37.4626

### Deuteranopia

30.3300, 29.8285, 42.1891



## Tritanopia

24.4014, 29.8808, 43.0096

# Trichromacy



## Original Color

24.0925, 30.0192, 41.0837

## Protanomaly

26.7307, 29.4447, 38.9249

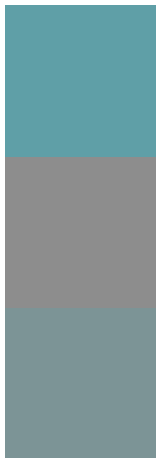
## Deuteranomaly

27.4279, 29.5026, 41.7851

## Tritanomaly

24.3064, 29.8428, 42.5094

# Monochromacy



## Original Color

24.0925, 30.0192, 41.0837

## Achromatopsia

25.3171, 26.6356, 29.0061

## Achromatomaly

24.4071, 27.6669, 32.9080

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 24.0925, 30.0192, 41.0837 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(95, 159, 167)` looks like.

```
.text, #text, p{  
    color:rgb(95, 159, 167)  
}
```

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(95, 159, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 159, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 24.0925, 30.0192, 41.0837 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(95, 159, 167) }
```



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

```
.border{ border-color:rgb(95, 159, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 159, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 159, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 159, 167);  
box-shadow:4px 4px 4px 4px rgb(95, 159,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 24.0925, 30.0192, 41.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 159, 167) }
```

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

```
.background{ background-color: rgb(95, 159,  
167) }
```

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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