

# Converting Colors

XYZ(26.3099, 37.6144, 39.1720)

Have a look what the booklet for  
XYZ(26.3099, 37.6144, 39.1720)  
contains.

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# Color

**XYZ(26.2976, 37.6562,  
39.1401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB6A0
RGB	79, 182, 160
RGB Percent	31%, 71%, 63%
CMY	0.6902, 0.2863, 0.3725
CMYK	0.57, 0.00, 0.12, 0.29
HSL	167°, 41%, 51%
HSV	167°, 57%, 71%
XYZ	26.2976, 37.6562, 39.1401
YIQ	148.6950, -54.3260, -28.6780

# Conversions

## Conversions Part 2

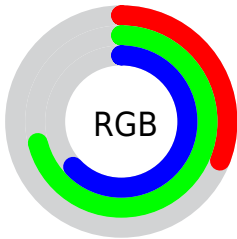
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 137, 182
Decimal	5224096
CIELab	67.77, -35.25, 2.22
CIELCh	68, 35.323, 176.398
Yxy	37.6562, 0.2551, 0.3653
Android (android.graphics.Color)	4283414176 (0xFF4FB6A0)
YUV	148.6950, 5.5734, -61.1225
Hunter-Lab	61.3646, -30.8926, 5.1384

# Details

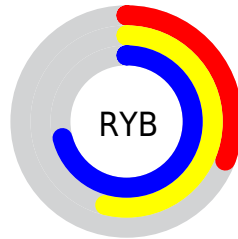
The XYZ color **26.2976, 37.6562, 39.1401** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.4377, 16.4777, 14.2059**, and the grayscale version is **28.4337, 29.9144, 32.5768**.

A 20% lighter version of the original color is **53.1568, 71.3737, 75.2648**, and **10.4795, 16.5425, 17.1087** is the 20% darker color. If you saturate the color by 10%, you get **24.6514, 36.8472, 37.3160**, and if you desaturate by 10%, it is **28.3710, 38.6861, 41.0414**.

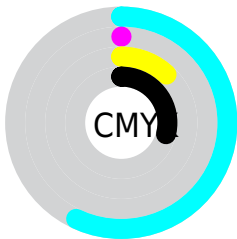
# Distribution



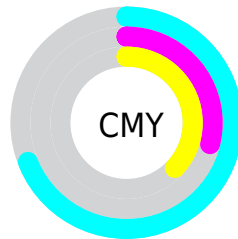
- Red (31%)
- Green (71%)
- Blue (63%)



- Red (31%)
- Yellow (54%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)




- Cyan (69%)
- Magenta (29%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2976, 37.6562, 39.1401 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 26.2976, 37.6562, 39.1401 by changing the saturation by 10% instead.





 26.2976, 37.6562,  
39.1401


 26.2976, 37.6562,  
39.1401


276.4699,  
336.1429, 357.9295


 17.1803, 25.7160,  
26.5601


 53.1825, 71.5809,  
75.0750


 10.4592, 16.6113,  
17.0136


 71.6809, 94.3341,  
99.2669

 5.7691, 9.9577,  
10.0821


 94.0369, 121.4605,  
128.1666

 2.7445, 5.3709,  
5.3471

 120.6159,  
153.3443, 162.1925

 1.0201, 2.4665,  
2.3901

151.7834,  
190.3701, 201.7632

 0.0000, 0.8598,  
0.7810

187.9047,

 0.0000, 0.0000,

232.9222, 247.2972

0.0000

229.3451,  
281.3850, 299.2132

■ 26.2976, 37.6562,  
39.1401

■ 26.2976, 37.6562,  
39.1401

■ 24.6514, 36.8472,  
37.3160

■ 28.3710, 38.6861,  
41.0414

■ 23.3943, 36.2366,  
35.5643

■ 30.8993, 39.9483,  
43.0192

■ 22.4870, 35.8051,  
33.8835

■ 33.9115, 41.4588,  
45.0762

■ 21.8748, 35.5246,  
32.2705

■ 37.4333, 43.2307,  
47.2139

■ 21.6960, 35.4441,  
31.7343

■ 41.4887, 45.2763,  
49.4342

■ 46.0999, 47.6073,  
51.7384

■ 51.2879, 50.2343,  
54.1279

■ 57.0728, 53.1677,  
56.6043

■ 63.4735, 56.4172,  
59.1688

# Harmonies

## Analogous

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



27.7354, 37.6562, 26.5039



26.2976, 37.6562, 39.1401



27.1823, 37.6562, 55.8840

# Triad

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



26.2976, 37.6562, 39.1401



40.6676, 37.6562, 74.2831



41.9249, 37.6562, 20.7018

# Complementary

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



26.2976, 37.6562, 39.1401



24.4377, 16.4777, 14.2059

# 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.



46.0489, 37.6562, 29.0273



26.2976, 37.6562, 39.1401



45.2727, 37.6562, 60.0056

# Square

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



26.2976, 37.6562, 39.1401



35.1352, 37.6562, 78.9513



47.3318, 37.6562, 42.9204



36.4551, 37.6562, 17.7090



# Rectangle

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



26.2976, 37.6562, 39.1401



29.0245, 37.6562, 66.8730



47.3318, 37.6562, 42.9204



43.5352, 37.6562, 22.8464

# Sweetspot

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



26.2987, 37.6577, 39.1410



67.3887, 78.1346, 85.3209



23.5428, 36.8069, 13.2616



14.5887, 17.1088, 18.6717



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

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



26.2987, 37.6577, 39.1410



44.0434, 66.4848, 66.8260



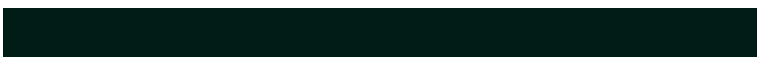
23.0304, 27.7636, 48.4026



9.1823, 10.1769, 11.1174



15.3460, 25.0393, 22.5417



0.5618, 0.8910, 0.9044



# Inverse Universe

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



24.4377, 16.4777, 14.2059



40.3846, 24.3169, 17.4128



26.0859, 21.2747, 10.1295



9.0810, 9.0428, 9.7741



13.9011, 7.1342, 2.0999

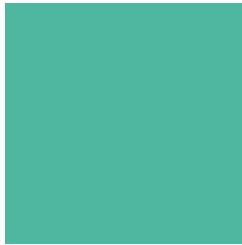


0.5131, 0.2607, 0.1953



# Previews

## White Background



This preview shows how the XYZ color 26.2976, 37.6562, 39.1401 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.2976, 37.6562, 39.1401 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

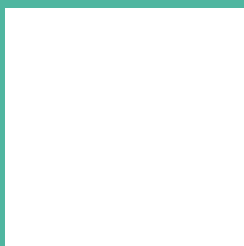
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 26.2976, 37.6562, 39.1401**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.2976, 37.6562, 39.1401.



This preview shows how white text looks on a background with the XYZ color 26.2976, 37.6562,



# 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

26.2976, 37.6562, 39.1401

### Protanopia

35.1798, 36.9424, 34.1306

### Deuteranopia

37.7801, 37.0966, 40.7664



## Tritanopia

29.4530, 37.4237, 55.5403

# Trichromacy



## Original Color

26.2976, 37.6562, 39.1401

## Protanomaly

30.5240, 36.4009, 35.9891

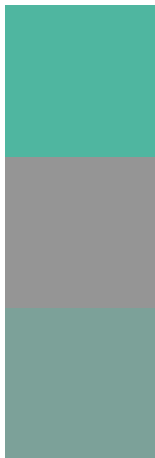
## Deuteranomaly

31.7573, 36.1214, 39.9487

## Tritanomaly

28.1961, 37.5139, 48.9348

# Monochromacy



## Original Color

26.2976, 37.6562, 39.1401

## Achromatopsia

28.5667, 30.0544, 32.7292

## Achromatomaly

26.8068, 32.0747, 34.9152

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.2976, 37.6562, 39.1401 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(79, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(79, 182, 160)  
}
```

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(79, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 182, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 26.2976, 37.6562, 39.1401 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(79, 182, 160) }
```



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

```
.border{ border-color:rgb(79, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(79, 182,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.2976, 37.6562, 39.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 182, 160) }
```

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

```
.background{ background-color: rgb(79, 182,  
160) }
```

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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