

# Converting Colors

XYZ(26.9891, 35.6110, 32.6825)

Have a look what the booklet for  
XYZ(26.9891, 35.6110, 32.6825)  
contains.

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# Color

**XYZ(26.9419, 35.4732,  
32.6211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71AD92
RGB	113, 173, 146
RGB Percent	44%, 68%, 57%
CMY	0.5569, 0.3216, 0.4274
CMYK	0.35, 0.00, 0.16, 0.32
HSL	153°, 27%, 56%
HSV	153°, 35%, 68%
XYZ	26.9419, 35.4732, 32.6211
YIQ	151.9820, -27.0930, -21.1170

# Conversions

## Conversions Part 2

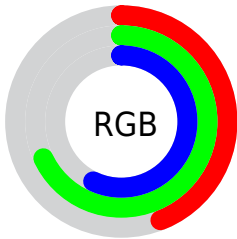
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 152, 173
Decimal	7450002
CIELab	66.12, -25.50, 7.75
CIELCh	66, 26.650, 163.090
Yxy	35.4732, 0.2835, 0.3733
Android (android.graphics.Color)	4285640082 (0xFF71AD92)
YUV	151.9820, -2.9491, -34.1872
Hunter-Lab	59.5594, -23.4838, 9.2180

# Details

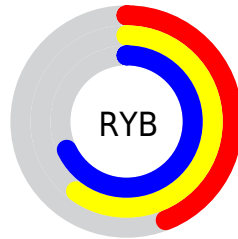
The XYZ color **26.9419, 35.4732, 32.6211** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.8735, 22.5887, 27.7033**, and the grayscale version is **29.8587, 31.4137, 34.2095**.

A 20% lighter version of the original color is **54.3810, 68.4242, 64.9846**, and **10.8144, 15.3016, 13.4499** is the 20% darker color. If you saturate the color by 10%, you get **24.3398, 34.2003, 29.4452**, and if you desaturate by 10%, it is **30.0115, 36.9842, 36.0357**.

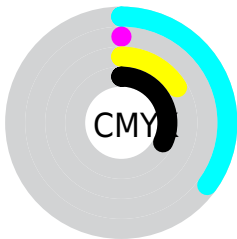
# Distribution



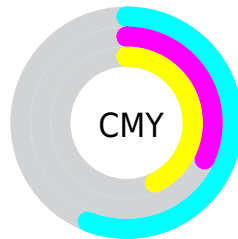
- Red (44%)
- Green (68%)
- Blue (57%)



- Red (44%)
- Yellow (60%)
- Blue (68%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)




- Cyan (56%)
- Magenta (32%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9419, 35.4732, 32.6211 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 26.9419, 35.4732, 32.6211 by changing the saturation by 10% instead.





 26.9419, 35.4732,  
32.6211


 26.9419, 35.4732,  
32.6211


279.5484,  
326.6521, 328.5184


 17.6660, 24.0276,  
21.5676


 54.2112, 68.2182,  
64.8927

 10.8087, 15.3541,  
13.3443


 72.9352, 90.2864,  
86.9479

 6.0047, 9.0683,  
7.5325


 95.5393, 116.6642,  
113.5074

 2.8886, 4.7857,  
3.7139

122.3888,  
147.7361, 144.9897

 1.0951, 2.1221,  
1.4697

153.8492,  
183.8865, 181.8135

 0.0210, 0.6770,  
0.1952

190.2856,

 0.0000, 0.0000,

225.4996, 224.3971

0.0000

232.0636,  
272.9601, 273.1593

■ 26.9419, 35.4732,  
32.6211

■ 26.9419, 35.4732,  
32.6211

■ 24.3398, 34.2003,  
29.4452

■ 30.0115, 36.9842,  
36.0357

■ 22.1773, 33.1485,  
26.5002

■ 33.5687, 38.7408,  
39.6919

■ 20.4278, 32.3050,  
23.7813

■ 37.6361, 40.7554,  
43.5954

■ 19.0608, 31.6541,  
21.2824

■ 42.2337, 43.0383,  
47.7512

■ 18.0408, 31.1778,  
18.9973

■ 47.3806, 45.5993,  
52.1639

■ 17.3253, 30.8542,  
16.9191

■ 53.0949, 48.4476,  
56.8381

■ 17.0166, 30.7174,  
15.8940

■ 59.3939, 51.5920,  
61.7783

■ 66.2940, 55.0410,  
66.9887

■ 68.5881, 56.1100,  
72.2292

# Harmonies

## Analogous

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



28.7764, 35.4732, 24.7851



26.9419, 35.4732, 32.6211



26.8289, 35.4732, 43.7778

# Triad

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



26.9419, 35.4732, 32.6211



35.4707, 35.4732, 64.0020



39.5894, 35.4732, 25.5578

# Complementary

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



26.9419, 35.4732, 32.6211



27.8735, 22.5887, 27.7033

# 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.



41.6915, 35.4732, 33.8920



26.9419, 35.4732, 32.6211



39.1912, 35.4732, 56.8426

# Square

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



26.9419, 35.4732, 32.6211



31.5492, 35.4732, 63.4766



41.5404, 35.4732, 45.3222



35.9803, 35.4732, 21.2886



# Rectangle

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



26.9419, 35.4732, 32.6211



27.7296, 35.4732, 51.7981



41.5404, 35.4732, 45.3222



40.5079, 35.4732, 27.8980

# Sweetspot

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



26.9429, 35.4747, 32.6219



63.2857, 70.9480, 74.1792



28.9099, 36.7437, 21.1917



13.5419, 15.3139, 15.9163



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123



# Same Dimension

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



26.9429, 35.4747, 32.6219



44.4346, 61.6613, 53.8085



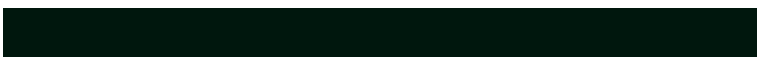
28.9170, 35.6552, 44.8950



8.0819, 9.0103, 9.4560



12.5298, 22.5772, 11.8294



0.3756, 0.6389, 0.4716



# Inverse Universe

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



27.8735, 22.5887, 27.7033



46.3683, 34.9174, 43.6110



26.3460, 22.3387, 18.5464



8.1494, 8.0730, 9.0977



13.6951, 6.9406, 6.0397



0.4088, 0.2042, 0.3145



# Previews

## White Background



This preview shows how the XYZ color 26.9419, 35.4732, 32.6211 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 26.9419, 35.4732, 32.6211 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 26.9419, 35.4732, 32.6211**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.9419, 35.4732, 32.6211.



This preview shows how white text looks on a background with the XYZ color 26.9419, 35.4732,



# 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

26.9419, 35.4732, 32.6211

### Protanopia

33.3795, 35.3305, 29.4863

### Deuteranopia

35.6510, 34.8969, 33.7109



## Tritanopia

30.3313, 35.4476, 49.4994

# Trichromacy



**Original Color**

26.9419, 35.4732, 32.6211

**Protanomaly**

30.5504, 35.1592, 30.7674

**Deuteranomaly**

31.6873, 34.6282, 33.4476

**Tritanomaly**

29.0074, 35.4656, 42.8528

# Monochromacy



**Original Color**

26.9419, 35.4732, 32.6211

**Achromatopsia**

29.8446, 31.3989, 34.1934

**Achromatomaly**

28.5571, 32.7469, 33.6698

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.9419, 35.4732, 32.6211 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(113, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(113, 173, 146)  
}
```

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(113, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 173, 146) }
```

## Border

The CSS property to change the border of an element to XYZ 26.9419, 35.4732, 32.6211 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(113, 173, 146) }
```



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

```
.border{ border-color:rgb(113, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(113, 173,  
146) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.9419, 35.4732, 32.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 173, 146) }
```

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

```
.background{ background-color: rgb(113,  
173, 146) }
```

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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