

Converting Colors

XYZ(32.6315, 39.5902, 29.2145)

Have a look what the booklet for
XYZ(32.6315, 39.5902, 29.2145)
contains.

XYZ(32.7438, 39.7059, 29.2308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.7438, 39.7059,
29.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	96B188
RGB	150, 177, 136
RGB Percent	59%, 69%, 53%
CMY	0.4118, 0.3059, 0.4667
CMYK	0.15, 0.00, 0.23, 0.31
HSL	100°, 21%, 61%
HSV	100°, 23%, 69%
XYZ	32.7438, 39.7059, 29.2308
YIQ	164.2530, -2.9310, -18.4750

Conversions

Conversions Part 2

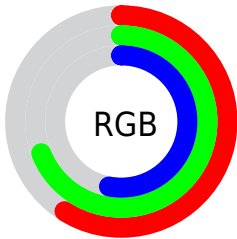
Format	Color
RYB	136, 177, 163
Decimal	9875848
CIELab	69.26, -16.99, 17.98
CIElCh	69, 24.736, 133.377
Yxy	39.7059, 0.3220, 0.3905
Android (android.graphics.Color)	4288065928 (0xFF96B188)
YUV	164.2530, -13.9287, -12.4999
Hunter-Lab	63.0126, -17.5166, 16.6049

Details

The XYZ color **32.7438, 39.7059, 29.2308** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8458, 28.5703, 45.4332**, and the grayscale version is **35.4733, 37.3207, 40.6422**.

A 20% lighter version of the original color is **63.5011, 74.9311, 59.2604**, and **14.0330, 17.7398, 11.4886** is the 20% darker color. If you saturate the color by 10%, you get **29.5491, 38.1937, 23.0483**, and if you desaturate by 10%, it is **36.3618, 41.4147, 36.5193**.

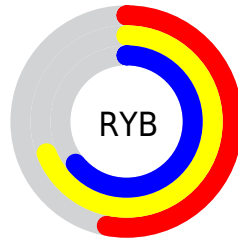
Distribution



Red (59%)

Green (69%)

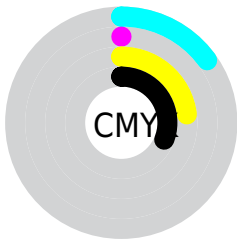
Blue (53%)



Red (53%)

Yellow (69%)

Blue (64%)

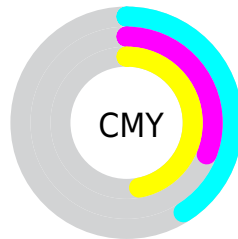


Cyan (15%)

Magenta (0%)

Yellow (23%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7438, 39.7059, 29.2308 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 32.7438, 39.7059, 29.2308 by changing the saturation by 10% instead.


 32.7438, 39.7059,
29.2308


 32.7438, 39.7059,
29.2308


306.1791,
344.8824, 312.3973


 22.0885, 27.3093,
19.0084


 63.3327, 74.7155,
59.4901

 14.0389, 17.8057,
11.4995


 83.9970, 98.0972,
80.3642

 8.2296, 10.8106,
6.2855

 108.7285,
125.9095, 105.6258

 4.2953, 5.9396,
2.9478

137.8923,
158.5367, 135.6936

 1.8705, 2.8084,
1.0681

171.8540,
196.3632, 170.9861

 0.5596, 1.0325,
0.0000

210.9787,

 0.0000, 0.0000,

239.7734, 211.9219

0.0000

255.6320,
289.1517, 258.9194

■ 32.7438, 39.7059,
29.2308

■ 32.7438, 39.7059,
29.2308

■ 29.5491, 38.1937,
23.0483

■ 36.3618, 41.4147,
36.5193

■ 26.7582, 36.8657,
17.9151

■ 40.4154, 43.3217,
44.9613

■ 24.3546, 35.7157,
13.7737

■ 44.9202, 45.4353,
54.6050

■ 22.3193, 34.7355,
10.5597

■ 49.8903, 47.7615,
65.4948

■ 20.6315, 33.9159,
8.2015

■ 55.3388, 50.3064,
77.6731

■ 19.2680, 33.2466,
6.6166

■ 61.2786, 53.0757,
91.1801

■ 18.2019, 32.7161,
5.7065

■ 66.9219, 55.7548,
101.8423

■ 17.6127, 32.4201,
5.3294

■ 70.8238, 57.7663,
102.0249

■ 74.9813, 59.9096,
102.2195

Harmonies

Analogous

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



36.0036, 39.7059, 25.2867



32.7438, 39.7059, 29.2308



30.8981, 39.7059, 37.2851

Triad

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



32.7438, 39.7059, 29.2308



35.6009, 39.7059, 67.6984



45.6491, 39.7059, 38.3779

Complementary

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



32.7438, 39.7059, 29.2308



31.8458, 28.5703, 45.4332

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.



45.5223, 39.7059, 49.7819



32.7438, 39.7059, 29.2308



39.5299, 39.7059, 68.1310

Square

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



32.7438, 39.7059, 29.2308



32.4668, 39.7059, 60.0208



43.2186, 39.7059, 61.1156



43.5537, 39.7059, 29.9096

Rectangle

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



32.7438, 39.7059, 29.2308



30.6317, 39.7059, 44.5312



43.2186, 39.7059, 61.1156



45.8691, 39.7059, 41.9603

Sweetspot

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



32.7448, 39.7076, 29.2317



69.4128, 76.1896, 74.2883



35.6121, 37.1966, 28.5959



14.9518, 16.4687, 15.9095



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.7448, 39.7076, 29.2317



55.5089, 69.6286, 46.2260



30.7705, 38.6378, 31.4871



8.6534, 9.6264, 9.0545



12.8197, 23.5189, 3.8639



0.4674, 0.7730, 0.1246

Inverse Universe

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



31.8458, 28.5703, 45.4332



53.6001, 46.0282, 80.5546



34.2735, 29.8911, 42.4181



8.5627, 8.4986, 10.6954



11.0899, 5.0529, 30.5278



0.4084, 0.1896, 0.9633

Previews

White Background



This preview shows how the XYZ color 32.7438, 39.7059, 29.2308 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 32.7438, 39.7059, 29.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

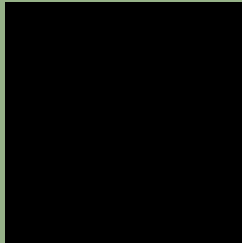
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7438, 39.7059, 29.2308

Background



This preview shows how black text looks on a background with the XYZ color 32.7438, 39.7059, 29.2308.



This preview shows how white text looks on a background with the XYZ color 32.7438, 39.7059,

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

32.7438, 39.7059, 29.2308

Protanopia

36.9899, 39.3745, 27.4803

Deuteranopia

40.0862, 39.3068, 29.9003



Tritanopia

37.3152, 39.8556, 51.0736

Trichromacy



Original Color

32.7438, 39.7059, 29.2308

Protanomaly

35.1587, 39.2543, 27.9141

Deuteranomaly

36.9966, 39.0561, 29.6334

Tritanomaly

35.4362, 39.6457, 42.3439

Monochromacy



Original Color

32.7438, 39.7059, 29.2308

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3188, 38.0800, 36.1132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7438, 39.7059, 29.2308 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(150, 177, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 136)  
}
```

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(150, 177, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.7438, 39.7059, 29.2308 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(150, 177, 136) }
```


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

```
.border{ border-color:rgb(150, 177, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 177, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7438, 39.7059, 29.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 136) }
```

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

```
.background{ background-color: rgb(150,  
177, 136) }
```

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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