

Converting Colors

XYZ(39.1162, 32.2918, 26.6612)

Have a look what the booklet for XYZ(39.1162, 32.2918, 26.6612) contains.

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Color

**XYZ(39.1227, 32.3267,
26.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	D18686
RGB	209, 134, 134
RGB Percent	82%, 53%, 53%
CMY	0.1804, 0.4745, 0.4745
CMYK	0.00, 0.36, 0.36, 0.18
HSL	0°, 45%, 67%
HSV	0°, 36%, 82%
XYZ	39.1227, 32.3267, 26.7320
YIQ	156.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

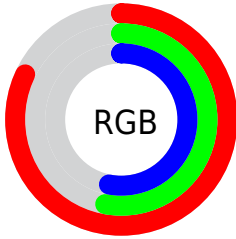
Format	Color
R _Y B	209, 134, 134
Decimal	13731462
CIE Lab	63.61, 28.78, 12.03
CIE LCh	64, 31.192, 22.683
Yxy	32.3267, 0.3985, 0.3293
Android (android.graphics.Color)	4291921542 (0xFFD18686)
YUV	156.4250, -11.0555, 46.1083
Hunter-Lab	56.8566, 23.3259, 11.9235

Details

The XYZ color **39.1227, 32.3267, 26.7320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1399, 55.2709, 68.6637**, and the grayscale version is **31.8245, 33.4818, 36.4617**.

A 20% lighter version of the original color is **68.1929, 60.8143, 55.1579**, and **17.6424, 13.5020, 10.0638** is the 20% darker color. If you saturate the color by 10%, you get **35.1979, 26.5839, 18.9287**, and if you desaturate by 10%, it is **43.9081, 39.3294, 36.2440**.

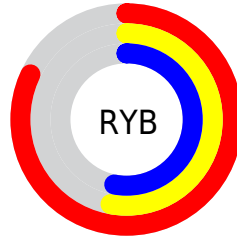
Distribution



Red (82%)

Green (53%)

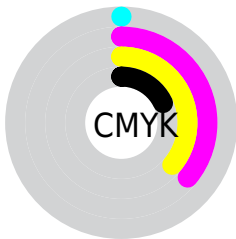
Blue (53%)



Red (82%)

Yellow (53%)

Blue (53%)

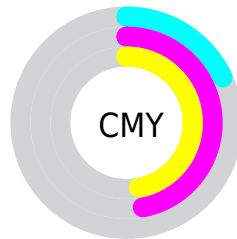


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (18%)



Cyan (18%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1227, 32.3267, 26.7320 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 39.1227, 32.3267, 26.7320 by changing the saturation by 10% instead.

 39.1227, 32.3267,
26.7320


 39.1227, 32.3267,
26.7320


333.6101,
312.6048, 300.0762


 27.0363, 21.6112,
17.1414


 73.1186, 63.3229,
55.4520

 17.7373, 13.5715,
10.1723


 95.7588, 84.3724,
75.4185

 10.8601, 7.8232,
5.4063


 122.6478,
109.6352, 99.6807

 6.0394, 3.9820,
2.4247

154.1507,
139.4959, 128.6571

 2.9099, 1.6635,
0.7998

190.6331,
174.3388, 162.7664

 1.1063, 0.3999,
0.0000

232.4602,

 0.0304, 0.0000,

214.5483, 202.4269

0.0000

279.9974,
260.5089, 248.0573

0.0000, 0.0000,
0.0000

39.1227, 32.3267,
26.7320

39.1227, 32.3267,
26.7320

35.1979, 26.5839,
18.9287

43.9081, 39.3294,
36.2440

32.0803, 22.0219,
12.7312

49.5981, 47.6556,
47.5556

29.7145, 18.5600,
8.0283

56.2370, 57.3701,
60.7536

28.0372, 16.1055,
4.6941

63.8653, 68.5324,
75.9184

26.9746, 14.5505,
2.5820

72.5212, 81.1983,
93.1262

■ 26.4352, 13.7611,
1.5099

■ 80.1046, 92.2953,
108.2006

■ 26.2947, 13.5556,
1.2306

Harmonies

Analogous

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



39.8078, 32.3267, 38.3438



39.1227, 32.3267, 26.7320



36.0900, 32.3267, 19.3557

Triad

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



39.1227, 32.3267, 26.7320



24.5322, 32.3267, 22.5632



29.6707, 32.3267, 64.7665

Complementary

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



39.1227, 32.3267, 26.7320



44.1399, 55.2709, 68.6637

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.



25.9209, 32.3267, 57.9388



39.1227, 32.3267, 26.7320



23.1418, 32.3267, 32.2296

Square

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



39.1227, 32.3267, 26.7320



27.6064, 32.3267, 17.3759



23.6251, 32.3267, 45.2864



34.0712, 32.3267, 62.3048

Rectangle

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



39.1227, 32.3267, 26.7320



33.2877, 32.3267, 16.9004



23.6251, 32.3267, 45.2864



28.2984, 32.3267, 63.4358

Sweetspot

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



39.1236, 32.3283, 26.7326



82.5541, 81.7150, 84.0584



46.3285, 35.2093, 64.6760



17.3685, 17.0493, 17.3927



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.1236, 32.3283, 26.7326



56.5578, 43.6749, 32.3790



45.2554, 44.5919, 28.7766



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



44.1399, 55.2709, 68.6637



65.5469, 84.7877, 107.5187



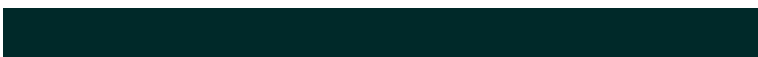
35.9980, 38.9872, 65.9497



12.1584, 13.4070, 15.1907



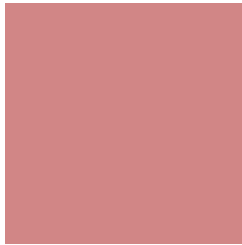
21.1522, 30.9511, 42.0518



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 39.1227, 32.3267, 26.7320 looks on a white background.

Color Contrast Check

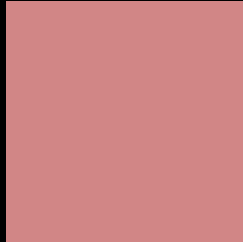
Large Text (above 18pt) WCAG AA × Fail

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 39.1227, 32.3267, 26.7320 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 39.1227, 32.3267, 26.7320

Background



This preview shows how black text looks on a background with the XYZ color 39.1227, 32.3267, 26.7320.



This preview shows how white text looks on a background with the XYZ color 39.1227, 32.3267,

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

39.1227, 32.3267, 26.7320

Protanopia

31.0868, 32.5984, 31.0392

Deuteranopia

33.2043, 32.5986, 26.0148



Tritanopia

39.9238, 32.4599, 30.1478

Trichromacy



Original Color

39.1227, 32.3267, 26.7320

Protanomaly

33.5274, 32.2259, 29.2641

Deuteranomaly

35.1244, 32.4313, 26.2384

Tritanomaly

39.6995, 32.3701, 28.9666

Monochromacy



Original Color

39.1227, 32.3267, 26.7320

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.6144, 32.4319, 32.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1227, 32.3267, 26.7320 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(209, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 134)  
}
```

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(209, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 39.1227, 32.3267, 26.7320 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(209, 134, 134) }
```


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

```
.border{ border-color:rgb(209, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1227, 32.3267, 26.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 134, 134) }
```

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

```
.background{ background-color: rgb(209,  
134, 134) }
```

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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