

Converting Colors

XYZ(39.7058, 30.7802, 28.2995)

Have a look what the booklet for XYZ(39.7058, 30.7802, 28.2995) contains.

XYZ(39.7254, 30.8275, 28.2826)	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(39.7254, 30.8275,
28.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	D67D8B
RGB	214, 125, 139
RGB Percent	84%, 49%, 55%
CMY	0.1608, 0.5098, 0.4549
CMYK	0.00, 0.42, 0.35, 0.16
HSL	351°, 52%, 66%
HSV	351°, 42%, 84%
XYZ	39.7254, 30.8275, 28.2826
YIQ	153.2070, 48.5500, 23.2220

Conversions

Conversions Part 2

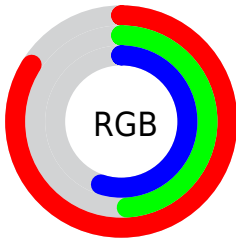
Format	Color
RYB	214, 125, 139
Decimal	14056843
CIELab	62.36, 36.07, 7.50
CIElCh	62, 36.840, 11.742
Yxy	30.8275, 0.4019, 0.3119
Android (android.graphics.Color)	4292246923 (0xFFD67D8B)
YUV	153.2070, -7.0041, 53.3155
Hunter-Lab	55.5225, 30.5493, 8.6640

Details

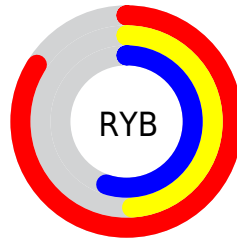
The XYZ color **39.7254, 30.8275, 28.2826** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.9309, 56.6240, 63.3137**, and the grayscale version is **30.3840, 31.9663, 34.8113**.

A 20% lighter version of the original color is **66.8745, 57.3060, 57.4057**, and **18.1566, 12.7869, 10.9624** is the 20% darker color. If you saturate the color by 10%, you get **36.0914, 25.4973, 21.0975**, and if you desaturate by 10%, it is **44.1620, 37.4149, 36.8084**.

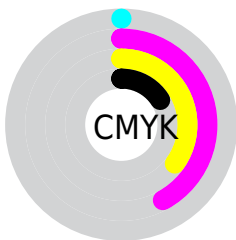
Distribution



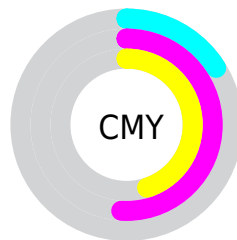
- Red (84%)
- Green (49%)
- Blue (55%)



- Red (84%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7254, 30.8275, 28.2826 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 39.7254, 30.8275, 28.2826 by changing the saturation by 10% instead.


 39.7254, 30.8275,
28.2826


 39.7254, 30.8275,
28.2826


336.1191,
305.7428, 307.7691


 27.5078, 20.4675,
18.2979


 74.0322, 60.9684,
57.9638

 18.0935, 12.7353,
10.9924


 96.8520, 81.5181,
78.4974

 11.1172, 7.2466,
5.9476


 123.9367,
106.2332, 103.3844

 6.2136, 3.6168,
2.7450

155.6515,
135.4980, 133.0434

 3.0173, 1.4616,
0.9659

192.3617,
169.6970, 167.8928

 1.1629, 0.2615,
0.0000

234.4329,

 0.0768, 0.0000,

209.2145, 208.3512

0.0000

282.2302,
254.4350, 254.8371

■ 0.0000, 0.0000,
0.0000

■ 39.7254, 30.8275,
28.2826

■ 39.7254, 30.8275,
28.2826

■ 36.0914, 25.4973,
21.0975

■ 44.1620, 37.4149,
36.8084

■ 33.2092, 21.3398,
15.1826

■ 49.4432, 45.3278,
46.7368

■ 31.0256, 18.2672,
10.4635


■ 55.6109, 54.6350,
58.1281


■ 29.4795, 16.1776,
6.8573


■ 62.7035, 65.3994,
71.0385

■ 28.4987, 14.9493,
4.2701

■ 70.7572, 77.6797,
85.5210

 28.0153, 14.4097,
2.7920

 79.8060, 91.5317,
101.6263

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



39.3809, 30.8275, 42.9241



39.7254, 30.8275, 28.2826



37.0522, 30.8275, 18.4032

Triad

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



39.7254, 30.8275, 28.2826



23.3699, 30.8275, 16.9640



26.3984, 30.8275, 66.9758

Complementary

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



39.7254, 30.8275, 28.2826



42.9309, 56.6240, 63.3137

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.



22.7134, 30.8275, 55.3658



39.7254, 30.8275, 28.2826



21.1064, 30.8275, 25.6774

Square

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



39.7254, 30.8275, 28.2826



27.3926, 30.8275, 13.2212



20.8806, 30.8275, 39.4693



31.2953, 30.8275, 68.2643

Rectangle

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



39.7254, 30.8275, 28.2826



34.0781, 30.8275, 14.7244



20.8806, 30.8275, 39.4693



24.9919, 30.8275, 64.0248

Sweetspot

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



39.7262, 30.8290, 28.2832



82.1758, 80.4556, 85.4824



43.0697, 31.6889, 67.4649



17.3154, 16.8071, 17.7944



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.



39.7262, 30.8290, 28.2832



54.2038, 38.6921, 32.4420



43.1003, 39.1102, 24.6815



12.5021, 12.4523, 13.3183



16.9582, 8.7196, 1.8181



1.0483, 0.5361, 0.2440

Inverse Universe

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



39.7262, 30.8290, 28.2832



54.2038, 38.6921, 32.4420



37.8062, 43.6360, 70.0484



12.5021, 12.4523, 13.3183



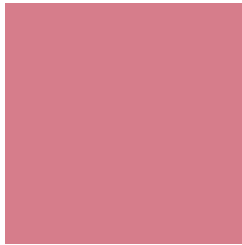
16.9582, 8.7196, 1.8181



1.0483, 0.5361, 0.2440

Previews

White Background



This preview shows how the XYZ color 39.7254, 30.8275, 28.2826 looks on a white background.

Color Contrast Check

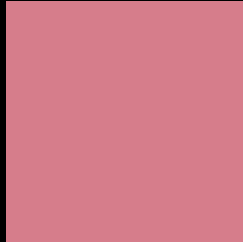
Large Text (above 18pt) WCAG AA × Fail

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 39.7254, 30.8275, 28.2826 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 39.7254, 30.8275, 28.2826

Background



This preview shows how black text looks on a background with the XYZ color 39.7254, 30.8275, 28.2826.



This preview shows how white text looks on a background with the XYZ color 39.7254, 30.8275,

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

39.7254, 30.8275, 28.2826

Protanopia

29.7930, 30.8849, 34.5281

Deuteranopia

31.6653, 31.0777, 27.2513



Tritanopia

39.5656, 30.9671, 26.8136

Trichromacy



Original Color

39.7254, 30.8275, 28.2826

Protanomaly

32.5494, 30.3018, 32.1503

Deuteranomaly

34.0259, 30.5193, 27.3900

Tritanomaly

39.6363, 30.9954, 27.1862

Monochromacy



Original Color

39.7254, 30.8275, 28.2826

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.8470, 30.8970, 32.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7254, 30.8275, 28.2826 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(214, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 139)  
}
```

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(214, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 39.7254, 30.8275, 28.2826 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(214, 125, 139) }
```


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

```
.border{ border-color:rgb(214, 125, 139) }
```

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

Here you see how a box with a 4 pixel rgb(214, 125, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7254, 30.8275, 28.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 139) }
```

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

```
.background{ background-color: rgb(214,  
125, 139) }
```

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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