

Converting Colors

XYZ(39.7483, 31.5630, 30.3829)

Have a look what the booklet for
XYZ(39.7483, 31.5630, 30.3829)
contains.

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Color

**XYZ(39.7483, 31.5630,
30.3829)**

Conversions

Conversions Part 1

Format	Color
Hex	D38190
RGB	211, 129, 144
RGB Percent	83%, 51%, 56%
CMY	0.1725, 0.4941, 0.4353
CMYK	0.00, 0.39, 0.32, 0.17
HSL	349°, 48%, 67%
HSV	349°, 39%, 83%
XYZ	39.7483, 31.5630, 30.3829
YIQ	155.2280, 44.0570, 22.0490

Conversions

Conversions Part 2

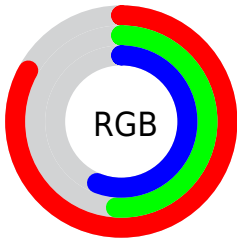
Format	Color
R _Y B	211, 129, 144
Decimal	13861264
CIE Lab	62.98, 33.48, 5.48
CIE LCh	63, 33.921, 9.296
Yxy	31.5630, 0.3909, 0.3104
Android (android.graphics.Color)	4292051344 (0xFFD38190)
YUV	155.2280, -5.5354, 48.9120
Hunter-Lab	56.1810, 27.9729, 7.2624

Details

The XYZ color **39.7483, 31.5630, 30.3829** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3128, 55.2420, 60.6601**, and the grayscale version is **31.2675, 32.8959, 35.8236**.

A 20% lighter version of the original color is **68.3665, 59.2042, 61.2503**, and **18.0712, 13.1270, 12.1710** is the 20% darker color. If you saturate the color by 10%, you get **36.0318, 26.0802, 23.1316**, and if you desaturate by 10%, it is **44.2417, 38.2771, 38.8867**.

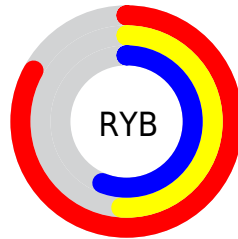
Distribution



Red (83%)

Green (51%)

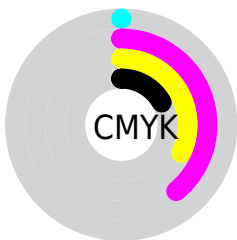
Blue (56%)



Red (83%)

Yellow (51%)

Blue (56%)

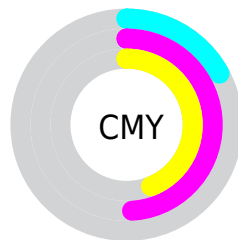


Cyan (0%)

Magenta (39%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7483, 31.5630, 30.3829 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 39.7483, 31.5630, 30.3829 by changing the saturation by 10% instead.


 39.7483, 31.5630,
30.3829


 39.7483, 31.5630,
30.3829


336.2142,
309.1237, 317.9479


 27.5257, 21.0279,
19.8749


 74.0669, 62.1254,
61.3353

 18.1070, 13.1444,
12.1210


 96.8935, 82.9215,
82.6168

 11.1270, 7.5281,
6.7026


 123.9856,
107.9067, 108.3266

 6.2203, 3.7945,
3.2012

155.7084,
137.4655, 138.8831

 3.0214, 1.5593,
1.1983

192.4273,
171.9822, 174.7050

 1.1651, 0.3299,
0.0000

234.5077,

 0.0785, 0.0000,

211.8412, 216.2107

0.0000

282.3148,
257.4269, 263.8188

0.0000, 0.0000,
0.0000

39.7483, 31.5630,
30.3829

39.7483, 31.5630,
30.3829

36.0318, 26.0802,
23.1316

44.2417, 38.2771,
38.8867

33.0448, 21.7492,
17.0712

49.5503, 46.2863,
48.6969

30.7390, 18.4886,
12.1375

55.7133, 55.6555,
59.8665

29.0587, 16.2042,
8.2593

62.7664, 66.4441,
72.4448

27.9391, 14.7854,
5.3570

70.7430, 78.7077,
86.4789

■ 27.2827, 14.0581,
3.3328

■ 79.4818, 92.1120,
101.9489

■ 27.2235, 13.9927,
3.1499

■ 80.6741, 92.5889,
108.2272

Harmonies

Analogous

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



39.1943, 31.5630, 44.2698



39.7483, 31.5630, 30.3829



37.4885, 31.5630, 20.5325

Triad

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



39.7483, 31.5630, 30.3829



24.6711, 31.5630, 18.0766



26.9396, 31.5630, 64.4235

Complementary

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



39.7483, 31.5630, 30.3829



42.3128, 55.2420, 60.6601

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.



23.5811, 31.5630, 53.3332



39.7483, 31.5630, 30.3829



22.3688, 31.5630, 26.0630

Square

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



39.7483, 31.5630, 30.3829



28.5743, 31.5630, 14.7415



21.9915, 31.5630, 38.6844



31.4717, 31.5630, 66.4533

Rectangle

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



39.7483, 31.5630, 30.3829



34.8155, 31.5630, 16.6764



21.9915, 31.5630, 38.6844



25.6498, 31.5630, 61.5163

Sweetspot

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



39.7492, 31.5645, 30.3835



82.2857, 80.4995, 86.0612



42.3655, 32.1366, 65.5983



17.3411, 16.8173, 17.9296



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.



39.7492, 31.5645, 30.3835



56.0166, 41.0665, 36.9032



42.5433, 38.8669, 26.0306



11.8958, 11.8431, 12.7270



16.4568, 8.4556, 2.0458



0.9474, 0.4837, 0.2577

Inverse Universe

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



39.7492, 31.5645, 30.3835



56.0166, 41.0665, 36.9032



38.1683, 44.0834, 68.1255



11.8958, 11.8431, 12.7270



16.4568, 8.4556, 2.0458



0.9474, 0.4837, 0.2577

Previews

White Background



This preview shows how the XYZ color 39.7483, 31.5630, 30.3829 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 39.7483, 31.5630, 30.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

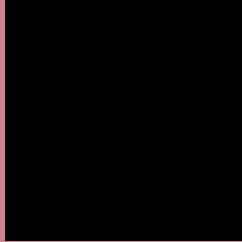
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7483, 31.5630, 30.3829

Background



This preview shows how black text looks on a background with the XYZ color 39.7483, 31.5630, 30.3829.



This preview shows how white text looks on a background with the XYZ color 39.7483, 31.5630,

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

39.7483, 31.5630, 30.3829

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

32.2547, 31.5612, 29.5912



Tritanopia

39.5068, 31.6782, 28.4584

Trichromacy



Original Color

39.7483, 31.5630, 30.3829

Protanomaly

33.3200, 31.3275, 33.9964

Deuteranomaly

34.5103, 31.1483, 29.7845

Tritanomaly

39.6543, 31.7372, 29.2352

Monochromacy



Original Color

39.7483, 31.5630, 30.3829

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5440, 31.9061, 33.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7483, 31.5630, 30.3829 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(211, 129, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 129, 144)  
}
```

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(211, 129, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 129, 144) }
```

Border

The CSS property to change the border of an element to XYZ 39.7483, 31.5630, 30.3829 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(211, 129, 144) }
```


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

```
.border{ border-color:rgb(211, 129, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 129, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 129, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 129, 144); box-shadow:4px 4px 4px 4px rgb(211, 129, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7483, 31.5630, 30.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 129, 144) }
```

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

```
.background{ background-color: rgb(211,  
129, 144) }
```

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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