

Converting Colors

XYZ(39.7734, 31.0527, 19.2267)

Have a look what the booklet for
XYZ(39.7734, 31.0527, 19.2267)
contains.

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Color

**XYZ(39.7734, 31.0527,
19.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7D70
RGB	220, 125, 112
RGB Percent	86%, 49%, 44%
CMY	0.1373, 0.5098, 0.5608
CMYK	0.00, 0.43, 0.49, 0.14
HSL	7°, 61%, 65%
HSV	7°, 49%, 86%
XYZ	39.7734, 31.0527, 19.2267
YIQ	151.9230, 60.7930, 16.0970

Conversions

Conversions Part 2

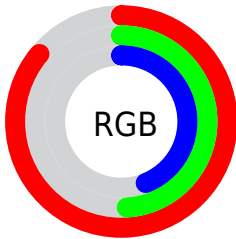
Format	Color
R_{YB}	220, 127, 112
Decimal	14450032
CIE _{Lab}	62.55, 35.40, 23.23
CIE _{LCh}	63, 42.340, 33.274
Yxy	31.0527, 0.4417, 0.3448
Android (android.graphics.Color)	4292640112 (0xFFDC7D70)
YUV	151.9230, -19.6820, 59.7035
Hunter-Lab	55.7249, 29.8848, 18.5507

Details

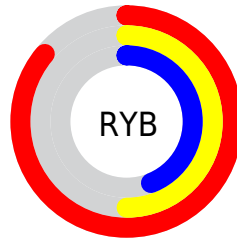
The XYZ color **39.7734, 31.0527, 19.2267** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.9119, 53.2350, 75.7762**, and the grayscale version is **29.8764, 31.4323, 34.2298**.

A 20% lighter version of the original color is **64.0609, 56.1805, 42.5895**, and **18.0721, 12.8448, 6.3773** is the 20% darker color. If you saturate the color by 10%, you get **36.4792, 26.1910, 12.8058**, and if you desaturate by 10%, it is **43.8456, 36.9917, 27.3838**.

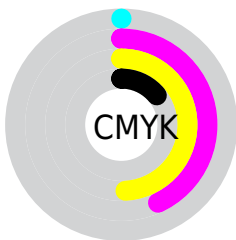
Distribution



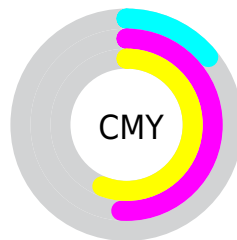
- Red (86%)
- Green (49%)
- Blue (44%)



- Red (86%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (43%)
- Yellow (49%)
- Black (14%)





- Cyan (14%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7734, 31.0527, 19.2267 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 39.7734, 31.0527, 19.2267 by changing the saturation by 10% instead.


 39.7734, 31.0527,
19.2267


 39.7734, 31.0527,
19.2267


336.3184,
306.7810, 260.1617

 27.5453, 20.6390,
11.6557


 74.1049, 61.3230,
42.9586


 18.1219, 12.8604,
6.3900


 96.9390, 81.9484,
59.9566

 11.1378, 7.3325,
3.0111


 124.0392,
106.7465, 80.9341

 6.2275, 3.6709,
1.1003

 155.7707,
136.1017, 106.3095

 3.0259, 1.4912,
0.0000

192.4991,
170.3983, 136.5014

 1.1675, 0.2825,
0.0000

234.5896,

 0.0805, 0.0000,

210.0208, 171.9284

0.0000

282.4076,
255.3536, 213.0090

■ 0.0000, 0.0000,
0.0000

■ 39.7734, 31.0527,
19.2267

■ 39.7734, 31.0527,
19.2267

■ 36.4792, 26.1910,
12.8058

■ 43.8456, 36.9917,
27.3838

■ 33.9107, 22.3373,
7.9933

■ 48.7391, 44.0623,
37.3890

■ 32.0127, 19.4217,
4.6464


■ 54.4966, 52.3210,
49.3466


■ 30.7208, 17.3632,
2.5965


■ 61.1571, 61.8191,
63.3530

■ 29.9473, 16.0625,
1.5794

■ 68.7575, 72.6046,
79.4980

 29.8955, 15.9764,
1.5081

 77.3323, 84.7233,
97.8659

 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



42.0066, 31.0527, 32.0322



39.7734, 31.0527, 19.2267



34.7795, 31.0527, 12.6606

Triad

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



39.7734, 31.0527, 19.2267



20.6886, 31.0527, 21.4612



30.1516, 31.0527, 76.3793

Complementary

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



39.7734, 31.0527, 19.2267



41.9119, 53.2350, 75.7762

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.



24.8099, 31.0527, 70.7787



39.7734, 31.0527, 19.2267



19.7829, 31.0527, 35.6547

Square

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



39.7734, 31.0527, 19.2267



23.8471, 31.0527, 13.6250



21.1916, 31.0527, 54.3637



36.0158, 31.0527, 67.8562

Rectangle

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



39.7734, 31.0527, 19.2267



30.8305, 31.0527, 11.0844



21.1916, 31.0527, 54.3637



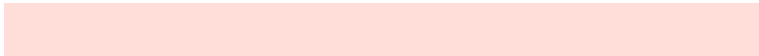
28.2368, 31.0527, 76.0930

Sweetspot

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



39.7742, 31.0543, 19.2273



79.6825, 78.1579, 76.3615



46.6208, 31.3287, 62.8779



16.6442, 16.1421, 15.4822



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.



39.7742, 31.0543, 19.2273



50.8085, 36.3542, 17.5828



48.4798, 48.4656, 22.1292



13.1817, 13.3028, 13.5985



17.5882, 9.4619, 0.8993



1.1822, 0.6985, 0.0725

Inverse Universe

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



41.9119, 53.2350, 75.7762



54.0732, 70.6965, 105.4036



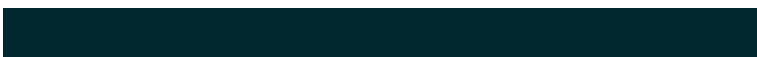
31.0573, 31.5259, 72.1581



13.3041, 14.5479, 16.7590



18.8943, 25.6579, 43.6950



1.2626, 1.7393, 2.8436

Previews

White Background



This preview shows how the XYZ color 39.7734, 31.0527, 19.2267 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 39.7734, 31.0527, 19.2267 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 39.7734, 31.0527, 19.2267

Background



This preview shows how black text looks on a background with the XYZ color 39.7734, 31.0527, 19.2267.



This preview shows how white text looks on a background with the XYZ color 39.7734, 31.0527,

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

39.7734, 31.0527, 19.2267

Protanopia

29.4026, 31.1655, 23.5346

Deuteranopia

31.6546, 31.0368, 18.5097



Tritanopia

40.8751, 30.9299, 25.2884

Trichromacy



Original Color

39.7734, 31.0527, 19.2267

Protanomaly

32.3546, 30.6472, 21.9795

Deuteranomaly

34.3545, 30.8832, 18.6184

Tritanomaly

40.5398, 30.9933, 22.9144

Monochromacy



Original Color

39.7734, 31.0527, 19.2267

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.3198, 30.4993, 27.8504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7734, 31.0527, 19.2267 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(220, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(220, 125, 112)  
}
```

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(220, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.7734, 31.0527, 19.2267 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(220, 125, 112) }
```


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

```
.border{ border-color:rgb(220, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(220, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7734, 31.0527, 19.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 125, 112) }
```

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

```
.background{ background-color: rgb(220,  
125, 112) }
```

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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