

Converting Colors

XYZ(37.9826, 30.7517, 19.6089)

Have a look what the booklet for
XYZ(37.9826, 30.7517, 19.6089)
contains.

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Color

**XYZ(37.8512, 30.6276,
19.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	D48071
RGB	212, 128, 113
RGB Percent	83%, 50%, 44%
CMY	0.1686, 0.4980, 0.5569
CMYK	0.00, 0.40, 0.47, 0.17
HSL	9°, 54%, 64%
HSV	9°, 47%, 83%
XYZ	37.8512, 30.6276, 19.5395
YIQ	151.4060, 54.8790, 13.1430

Conversions

Conversions Part 2

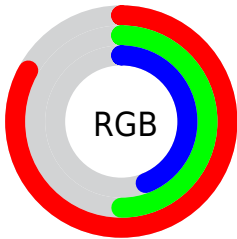
Format	Color
R_{YB}	212, 131, 113
Decimal	13926513
CIE Lab	62.19, 30.83, 22.00
CIE LCh	62, 37.874, 35.519
Yxy	30.6276, 0.4300, 0.3480
Android (android.graphics.Color)	4292116593 (0xFFD48071)
YUV	151.4060, -18.9342, 53.1409
Hunter-Lab	55.3422, 25.2359, 17.8062

Details

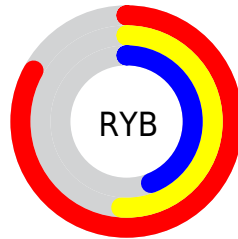
The XYZ color **37.8512, 30.6276, 19.5395** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.6590, 48.1946, 69.5523**, and the grayscale version is **29.6523, 31.1966, 33.9731**.

A 20% lighter version of the original color is **64.7595, 57.4325, 43.2697**, and **16.9344, 12.5594, 6.5327** is the 20% darker color. If you saturate the color by 10%, you get **34.6524, 25.9222, 13.2568**, and if you desaturate by 10%, it is **41.7462, 36.2793, 27.4302**.

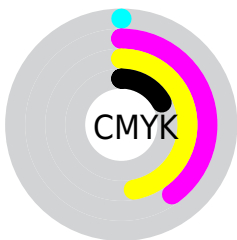
Distribution



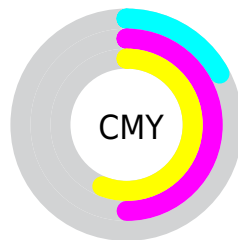
- Red (83%)
- Green (50%)
- Blue (44%)



- Red (83%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8512, 30.6276, 19.5395 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 37.8512, 30.6276, 19.5395 by changing the saturation by 10% instead.


 37.8512, 30.6276,
19.5395


 37.8512, 30.6276,
19.5395


328.2731,
304.8190, 261.9324

 26.0439, 20.3154,
11.8800


 71.1854, 60.6533,
43.4925


 16.9893, 12.6245,
6.5405


 93.4430, 81.1356,
60.6232

 10.3222, 7.1705,
3.1024


 119.9147,
105.7768, 81.7479

 5.6770, 3.5690,
1.1471

 150.9660,
134.9612, 107.2853

 2.6885, 1.4355,
0.0000

186.9621,
169.0732, 137.6539

 0.9912, 0.2427,
0.0000

228.2684,

 0.0000, 0.0000,

208.4972, 173.2723

0.0000

275.2503,
253.6177, 214.5589

■ 37.8512, 30.6276,
19.5395

■ 37.8512, 30.6276,
19.5395

■ 34.6524, 25.9222,
13.2568

■ 41.7462, 36.2793,
27.4302

■ 32.1058, 22.1067,
8.4692

■ 46.3733, 42.9206,
37.0276

■ 30.1660, 19.1258,
5.0520


■ 51.7685, 50.5975,
48.4246


■ 28.7804, 16.9158,
2.8595


■ 57.9649, 59.3519,
61.7068


■ 27.8851, 15.4032,
1.7044

■ 64.9935, 69.2232,
76.9544

 27.6714, 15.0372,
1.4440

 72.8838, 80.2490,
94.2429

 80.6158, 92.0458,
108.1255

 80.9614, 92.7370,
108.2407

Harmonies

Analogous

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



40.0123, 30.6276, 30.7175



37.8512, 30.6276, 19.5395



33.3697, 30.6276, 13.7516

Triad

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



37.8512, 30.6276, 19.5395



21.0614, 30.6276, 23.0046



30.0647, 30.6276, 69.8763

Complementary

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



37.8512, 30.6276, 19.5395



38.6590, 48.1946, 69.5523

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.



25.2303, 30.6276, 66.0251



37.8512, 30.6276, 19.5395



20.3941, 30.6276, 36.1251

Square

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



37.8512, 30.6276, 19.5395



23.7732, 30.6276, 15.3042



21.8312, 30.6276, 52.4873



35.1925, 30.6276, 61.8541

Rectangle

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



37.8512, 30.6276, 19.5395



29.8841, 30.6276, 12.4432



21.8312, 30.6276, 52.4873



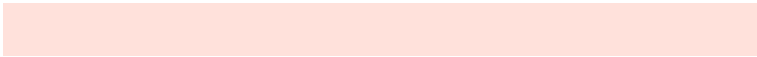
28.3506, 30.6276, 69.9489

Sweetspot

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



37.8520, 30.6291, 19.5401



80.9128, 80.0845, 78.4184



43.1519, 29.8456, 56.4000



16.8999, 16.5483, 15.8914



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.



37.8520, 30.6291, 19.5401



52.6792, 39.4412, 20.2241



45.9235, 46.7722, 22.2306



12.5737, 12.7216, 12.9535



17.1290, 9.3752, 0.9068



1.0823, 0.6638, 0.0711

Inverse Universe

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



38.6590, 48.1946, 69.5523



53.9976, 69.1579, 105.1106



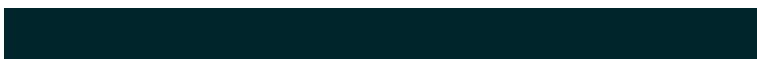
29.2290, 29.3346, 66.4089



12.6244, 13.7722, 15.9304



17.4550, 23.1717, 42.0058



1.0972, 1.4865, 2.5484

Previews

White Background



This preview shows how the XYZ color 37.8512, 30.6276, 19.5395 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 37.8512, 30.6276, 19.5395 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 37.8512, 30.6276, 19.5395

Background



This preview shows how black text looks on a background with the XYZ color 37.8512, 30.6276, 19.5395.



This preview shows how white text looks on a background with the XYZ color 37.8512, 30.6276,

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

37.8512, 30.6276, 19.5395

Protanopia

28.9787, 30.7163, 23.1404

Deuteranopia

31.3781, 30.6560, 19.0152



Tritanopia

39.3682, 30.6846, 26.4020

Trichromacy



Original Color

37.8512, 30.6276, 19.5395

Protanomaly

31.5932, 30.2616, 21.6287

Deuteranomaly

33.4436, 30.4010, 19.1442

Tritanomaly

38.6673, 30.5742, 23.6021

Monochromacy



Original Color

37.8512, 30.6276, 19.5395

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.5714, 30.3353, 27.8582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8512, 30.6276, 19.5395 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(212, 128, 113)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 113)  
}
```

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(212, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 113) }
```

Border

The CSS property to change the border of an element to XYZ 37.8512, 30.6276, 19.5395 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(212, 128, 113) }
```


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

```
.border{ border-color:rgb(212, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8512, 30.6276, 19.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 113) }
```

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

```
.background{ background-color: rgb(212,  
128, 113) }
```

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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