

Converting Colors

XYZ(37.0918, 29.5346, 19.3699)

Have a look what the booklet for
XYZ(37.0918, 29.5346, 19.3699)
contains.

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Color

**XYZ(37.0523, 29.4564,
19.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	D37C71
RGB	211, 124, 113
RGB Percent	83%, 49%, 44%
CMY	0.1725, 0.5137, 0.5569
CMYK	0.00, 0.41, 0.46, 0.17
HSL	7°, 53%, 64%
HSV	7°, 46%, 83%
XYZ	37.0523, 29.4564, 19.3556
YIQ	148.7590, 55.3830, 15.0230

Conversions

Conversions Part 2

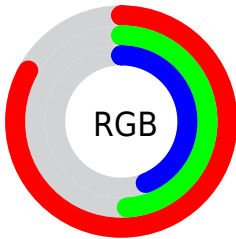
Format	Color
R _Y B	211, 125, 113
Decimal	13859953
CIE Lab	61.18, 32.57, 20.62
CIE LCh	61, 38.549, 32.334
Yxy	29.4564, 0.4315, 0.3431
Android (android.graphics.Color)	4292050033 (0xFFD37C71)
YUV	148.7590, -17.6292, 54.5854
Hunter-Lab	54.2738, 26.8816, 16.8471

Details

The XYZ color **37.0523, 29.4564, 19.3556** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2213, 49.5204, 69.1193**, and the grayscale version is **28.5219, 30.0073, 32.6779**.

A 20% lighter version of the original color is **63.9519, 55.8174, 43.0005**, and **16.4735, 11.9190, 6.4334** is the 20% darker color. If you saturate the color by 10%, you get **33.8711, 24.7791, 13.1002**, and if you desaturate by 10%, it is **40.9570, 35.1388, 27.2151**.

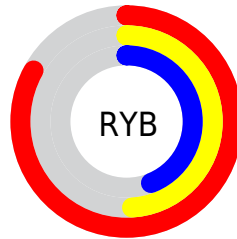
Distribution



Red (83%)

Green (49%)

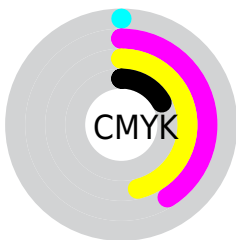
Blue (44%)



Red (83%)

Yellow (49%)

Blue (44%)

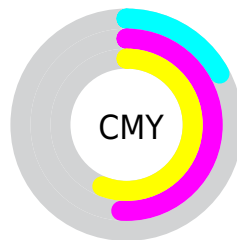


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (17%)



Cyan (17%)


Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0523, 29.4564, 19.3556 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 37.0523, 29.4564, 19.3556 by changing the saturation by 10% instead.


 37.0523, 29.4564,
19.3556


 37.0523, 29.4564,
19.3556


324.8885,
299.3623, 260.8927


 25.4218, 19.4263,
11.7481


 69.9665, 58.8014,
43.1788


 16.5220, 11.9788,
6.4519


 91.9810, 78.8852,
60.2316

 9.9875, 6.7292,
3.0486


 118.1875,
103.0890, 81.2698

 5.4529, 3.2933,
1.1195

 148.9515,
131.7973, 106.7122

 2.5528, 1.2867,
0.0000

184.6382,
165.3943, 136.9771

 0.9220, 0.1309,
0.0000

225.6130,

 0.0000, 0.0000,

204.2646, 172.4831

0.0000

272.2414,
248.7924, 213.6488

■ 37.0523, 29.4564,
19.3556

■ 37.0523, 29.4564,
19.3556

■ 33.8711, 24.7791,
13.1002

■ 40.9570, 35.1388,
27.2151

■ 31.3664, 21.0441,
8.3366

■ 45.6239, 41.8755,
36.7771

■ 29.4892, 18.1884,
4.9404


■ 51.0915, 49.7178,
48.1344


■ 28.1826, 16.1392,
2.7665


■ 57.3950, 58.7123,
61.3722

■ 27.3783, 14.8118,
1.6314

■ 64.5676, 68.9032,
76.5706

 27.1843, 14.4896,
1.3640

 72.6407, 80.3319,
93.8048

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



38.8912, 29.4564, 30.9514



37.0523, 29.4564, 19.3556



32.7639, 29.4564, 13.1786

Triad

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



37.0523, 29.4564, 19.3556



20.2320, 29.4564, 20.7936



28.3956, 29.4564, 68.7618

Complementary

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



37.0523, 29.4564, 19.3556



39.2213, 49.5204, 69.1193

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.



23.7172, 29.4564, 63.6346



37.0523, 29.4564, 19.3556



19.3554, 29.4564, 33.2214

Square

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



37.0523, 29.4564, 19.3556



23.1080, 29.4564, 13.8159



20.5528, 29.4564, 49.4100



33.5321, 29.4564, 61.8594

Rectangle

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



37.0523, 29.4564, 19.3556



29.3160, 29.4564, 11.6208



20.5528, 29.4564, 49.4100



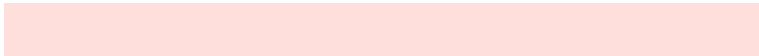
26.7190, 29.4564, 68.3867

Sweetspot

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



37.0530, 29.4579, 19.3562



80.5360, 79.3308, 78.2928



43.3354, 29.8859, 58.8664



16.8094, 16.3673, 15.8613



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.



37.0530, 29.4579, 19.3562



51.9257, 37.9341, 19.9729



44.5593, 44.4703, 21.8582



11.9141, 12.0189, 12.3040



16.4436, 8.8201, 0.8358



0.9562, 0.5668, 0.0590

Inverse Universe

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



39.2213, 49.5204, 69.1193



55.6137, 72.3902, 105.6493



29.8289, 30.7356, 65.9885



12.0403, 13.1709, 15.1513



17.9069, 24.4604, 40.9700



1.0343, 1.4337, 2.3018

Previews

White Background



This preview shows how the XYZ color 37.0523, 29.4564, 19.3556 looks on a white background.

Color Contrast Check

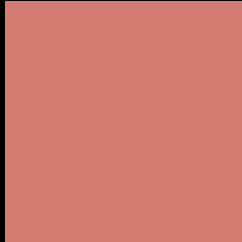
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0523, 29.4564, 19.3556 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 × Fail

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

XYZ 37.0523, 29.4564, 19.3556

Background



This preview shows how black text looks on a background with the XYZ color 37.0523, 29.4564, 19.3556.



This preview shows how white text looks on a background with the XYZ color 37.0523, 29.4564,

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

37.0523, 29.4564, 19.3556

Protanopia

27.9383, 29.7030, 23.3295

Deuteranopia

30.1667, 29.5858, 18.8725



Tritanopia

38.0180, 29.2835, 24.7676

Trichromacy



Original Color

37.0523, 29.4564, 19.3556

Protanomaly

30.5273, 29.0514, 21.7678

Deuteranomaly

32.2723, 29.1670, 18.9678

Tritanomaly

37.7490, 29.3714, 22.7484

Monochromacy



Original Color

37.0523, 29.4564, 19.3556

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.8353, 29.3044, 27.3237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0523, 29.4564, 19.3556 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, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 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(211, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 113) }
```

Border

The CSS property to change the border of an element to XYZ 37.0523, 29.4564, 19.3556 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, 124, 113) }
```


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

```
.border{ border-color:rgb(211, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 124, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 124, 113); box-shadow:4px 4px 4px 4px rgb(211, 124, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0523, 29.4564, 19.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 113) }
```

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

```
.background{ background-color: rgb(211,  
124, 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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