

Converting Colors

XYZ(37.1577, 29.3646, 19.3099)

Have a look what the booklet for
XYZ(37.1577, 29.3646, 19.3099)
contains.

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Color

**XYZ(37.2150, 29.3552,
19.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	D47B71
RGB	212, 123, 113
RGB Percent	83%, 48%, 44%
CMY	0.1686, 0.5176, 0.5569
CMYK	0.00, 0.42, 0.47, 0.17
HSL	6°, 54%, 64%
HSV	6°, 47%, 83%
XYZ	37.2150, 29.3552, 19.3275
YIQ	148.4710, 56.2540, 15.7580

Conversions

Conversions Part 2

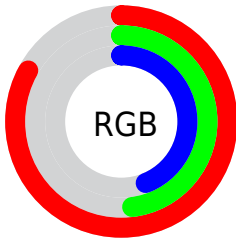
Format	Color
RYB	212, 124, 113
Decimal	13925233
CIELab	61.09, 33.49, 20.52
CIElCh	61, 39.274, 31.498
Yxy	29.3552, 0.4332, 0.3417
Android (android.graphics.Color)	4292115313 (0xFFD47B71)
YUV	148.4710, -17.4872, 55.7149
Hunter-Lab	54.1804, 27.7908, 16.7761

Details

The XYZ color **37.2150, 29.3552, 19.3275** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.8133, 50.5031, 69.9370**, and the grayscale version is **28.4002, 29.8793, 32.5385**.

A 20% lighter version of the original color is **63.7537, 55.4209, 42.9344**, and **16.5979, 11.8864, 6.4205** is the 20% darker color. If you saturate the color by 10%, you get **34.0195, 24.6565, 13.0459**, and if you desaturate by 10%, it is **41.1509, 35.0888, 27.2318**.

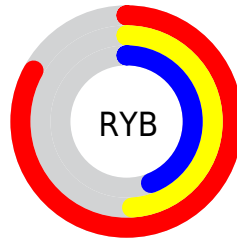
Distribution



Red (83%)

Green (48%)

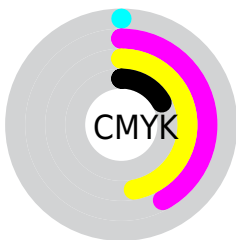
Blue (44%)



Red (83%)

Yellow (49%)

Blue (44%)

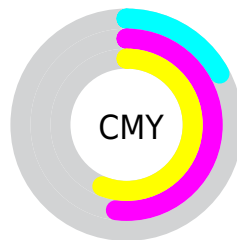


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2150, 29.3552, 19.3275 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 37.2150, 29.3552, 19.3275 by changing the saturation by 10% instead.


 37.2150, 29.3552,
19.3275


 37.2150, 29.3552,
19.3275

325.5798,
298.8872, 260.7335


 25.5484, 19.3497,
11.7280


 70.2150, 58.6410,
43.1308

 16.6170, 11.9232,
6.4384


 92.2792, 78.6900,
60.1717

 10.0554, 6.6914,
3.0404


 118.5399,
102.8557, 81.1967

 5.4983, 3.2699,
1.1153

 149.3626,
131.5223, 106.6245

 2.5802, 1.2742,
0.0000

185.1126,
165.0744, 136.8735

 0.9359, 0.1211,
0.0000

226.1552,

 0.0000, 0.0000,

203.8964, 172.3623

0.0000

272.8558,
248.3725, 213.5095

■ 37.2150, 29.3552,
19.3275

■ 37.2150, 29.3552,
19.3275

■ 34.0195, 24.6565,
13.0459

■ 41.1509, 35.0888,
27.2318

■ 31.5158, 20.9267,
8.2725

■ 45.8675, 41.9091,
36.8591

■ 29.6527, 18.0992,
4.8809


■ 51.4048, 49.8701,
48.3034


■ 28.3709, 16.0970,
2.7230


■ 57.7992, 59.0206,
61.6517

■ 27.5983, 14.8296,
1.6088

■ 65.0853, 69.4068,
76.9851

 27.4274, 14.5491,
1.3627

 73.2954, 81.0722,
94.3802

 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.



39.0051, 29.3552, 31.2276



37.2150, 29.3552, 19.3275



32.8932, 29.3552, 12.9699

Triad

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



37.2150, 29.3552, 19.3275



20.0791, 29.3552, 20.2597



28.1607, 29.3552, 69.4748

Complementary

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



37.2150, 29.3552, 19.3275



39.8133, 50.5031, 69.9370

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.



23.4418, 29.3552, 63.8862



37.2150, 29.3552, 19.3275



19.1342, 29.3552, 32.7095

Square

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



37.2150, 29.3552, 19.3275



23.0451, 29.3552, 13.3802



20.2876, 29.3552, 49.1686



33.3957, 29.3552, 62.7178

Rectangle

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



37.2150, 29.3552, 19.3275



29.3895, 29.3552, 11.3326



20.2876, 29.3552, 49.1686



26.4641, 29.3552, 68.9699

Sweetspot

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



37.2157, 29.3567, 19.3281



80.4288, 79.1164, 78.2570



43.7291, 30.0766, 59.4398



16.7837, 16.3159, 15.8527



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.



37.2157, 29.3567, 19.3281



51.7176, 37.5180, 19.9036



44.9609, 44.8470, 21.9098



12.5232, 12.6207, 12.9367



16.9665, 9.0503, 0.8526



1.0585, 0.6163, 0.0632

Inverse Universe

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



39.8133, 50.5031, 69.9370



56.0854, 73.3335, 105.8065



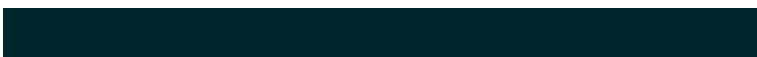
30.0198, 30.9162, 66.6725



12.6800, 13.8834, 15.9490



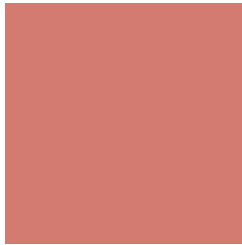
18.8235, 25.9087, 42.4619



1.1670, 1.6260, 2.5717

Previews

White Background



This preview shows how the XYZ color 37.2150, 29.3552, 19.3275 looks on a white background.

Color Contrast Check

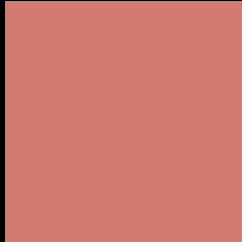
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2150, 29.3552, 19.3275 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 37.2150, 29.3552, 19.3275

Background



This preview shows how black text looks on a background with the XYZ color 37.2150, 29.3552, 19.3275.



This preview shows how white text looks on a background with the XYZ color 37.2150, 29.3552,

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

37.2150, 29.3552, 19.3275

Protanopia

28.0019, 29.7284, 23.6643

Deuteranopia

30.1667, 29.5858, 18.8725



Tritanopia

38.2404, 29.4059, 24.4293

Trichromacy



Original Color

37.2150, 29.3552, 19.3275

Protanomaly

30.5883, 29.0758, 22.0892

Deuteranomaly

32.2723, 29.1670, 18.9678

Tritanomaly

37.9753, 29.4953, 22.4305

Monochromacy



Original Color

37.2150, 29.3552, 19.3275

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.4004, 28.8724, 26.8923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2150, 29.3552, 19.3275 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, 123, 113)` looks like.

```
.text, #text, p{  
    color:rgb(212, 123, 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, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 123, 113) }
```

Border

The CSS property to change the border of an element to XYZ 37.2150, 29.3552, 19.3275 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, 123, 113) }
```


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

```
.border{ border-color:rgb(212, 123, 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, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 123, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 123, 113); box-shadow:4px 4px 4px 4px rgb(212, 123, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2150, 29.3552, 19.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 123, 113) }
```

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

```
.background{ background-color: rgb(212,  
123, 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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