

Converting Colors

XYZ(36.8367, 29.4350, 17.7246)

Have a look what the booklet for
XYZ(36.8367, 29.4350, 17.7246)
contains.

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Color

**XYZ(36.7255, 29.3257,
17.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	D37C6B
RGB	211, 124, 107
RGB Percent	83%, 49%, 42%
CMY	0.1725, 0.5137, 0.5804
CMYK	0.00, 0.41, 0.49, 0.17
HSL	10°, 54%, 62%
HSV	10°, 49%, 83%
XYZ	36.7255, 29.3257, 17.6347
YIQ	148.0750, 57.3090, 13.1570

Conversions

Conversions Part 2

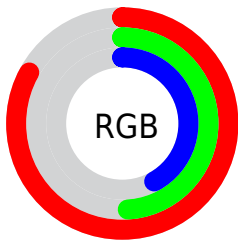
Format	Color
RYB	211, 127, 107
Decimal	13859947
CIELab	61.07, 31.99, 23.86
CIELCh	61, 39.905, 36.717
Yxy	29.3257, 0.4388, 0.3504
Android (android.graphics.Color)	4292050027 (0xFFD37C6B)
YUV	148.0750, -20.2500, 55.1852
Hunter-Lab	54.1532, 26.2866, 18.5998

Details

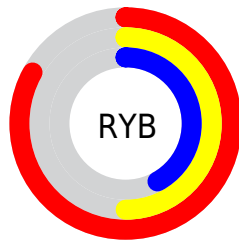
The XYZ color **36.7255, 29.3257, 17.6347** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.1121, 46.4105, 68.6301**, and the grayscale version is **28.2454, 29.7164, 32.3611**.

A 20% lighter version of the original color is **63.3320, 55.5694, 39.7358**, and **16.3088, 11.8532, 5.5660** is the 20% darker color. If you saturate the color by 10%, you get **33.7305, 24.9007, 11.8118**, and if you desaturate by 10%, it is **40.3888, 34.6538, 25.0171**.

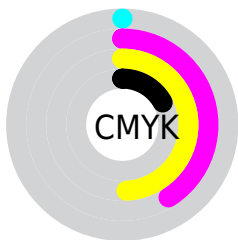
Distribution



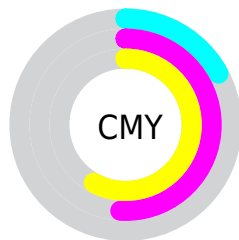
- Red (83%)
- Green (49%)
- Blue (42%)



- Red (83%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (49%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7255, 29.3257, 17.6347 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 36.7255, 29.3257, 17.6347 by changing the saturation by 10% instead.


 36.7255, 29.3257,
17.6347


 36.7255, 29.3257,
17.6347


323.4968,
298.7486, 250.9705


 25.1677, 19.3273,
10.5213


 69.4670, 58.5942,
40.2194


 16.3315, 11.9070,
5.6359


 91.3814, 78.6331,
56.5277

 9.8513, 6.6804,
2.5598


 117.4787,
102.7876, 76.7382

 5.3620, 3.2630,
0.8716

 148.1244,
131.4422, 101.2692

 2.4981, 1.2706,
0.0000

183.6836,
164.9811, 130.5395

 0.8943, 0.1182,
0.0000

224.5219,

 0.0000, 0.0000,

203.7890, 164.9674

0.0000

271.0045,
248.2500, 204.9715

■ 36.7255, 29.3257,
17.6347

■ 36.7255, 29.3257,
17.6347

■ 33.7305, 24.9007,
11.8118

■ 40.3888, 34.6538,
25.0171

■ 31.3603, 21.3241,
7.4340

■ 44.7556, 40.9268,
34.0588

■ 29.5698, 18.5421,
4.3740


■ 49.8616, 48.1893,
44.8532


■ 28.3063, 16.4925,
2.4813


■ 55.7390, 56.4819,
57.4863


■ 27.4957, 15.0992,
1.5084

■ 62.4184, 65.8425,
72.0383

 27.4504, 15.0217,
1.4527

 69.9285, 76.3076,
88.5850

 78.2968, 87.9115,
107.1976

 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.



39.0867, 29.3257, 28.6827



36.7255, 29.3257, 17.6347



32.0353, 29.3257, 12.1248

Triad

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



36.7255, 29.3257, 17.6347



19.6270, 29.3257, 21.8558



29.0647, 29.3257, 69.8698

Complementary

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



36.7255, 29.3257, 17.6347



37.1121, 46.4105, 68.6301

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.



24.0882, 29.3257, 66.3159



36.7255, 29.3257, 17.6347



19.0400, 29.3257, 35.4150

Square

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



36.7255, 29.3257, 17.6347



22.2887, 29.3257, 13.9762



20.5716, 29.3257, 52.4029



34.3203, 29.3257, 60.9881

Rectangle

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



36.7255, 29.3257, 17.6347



28.4525, 29.3257, 10.9605



20.5716, 29.3257, 52.4029



27.3019, 29.3257, 70.1234

Sweetspot

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



36.7262, 29.3272, 17.6352



80.1207, 79.0343, 76.5076



42.0174, 28.3228, 55.1195



16.7483, 16.3503, 15.5168



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.



36.7262, 29.3272, 17.6352



51.6367, 38.0107, 17.8589



44.7702, 45.4150, 20.3166



11.9627, 12.1160, 12.3202



16.6163, 9.1656, 0.8934



0.9789, 0.6121, 0.0666

Inverse Universe

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



37.1121, 46.4105, 68.6301



52.2313, 67.0127, 104.7896



27.7041, 27.5945, 65.4941



11.9870, 13.0642, 15.1335



16.5886, 21.8237, 40.5306



0.9725, 1.3101, 2.2812

Previews

White Background



This preview shows how the XYZ color 36.7255, 29.3257, 17.6347 looks on a white background.

Color Contrast Check

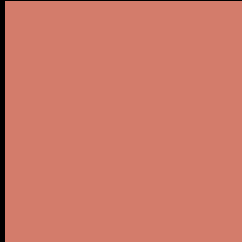
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7255, 29.3257, 17.6347 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 36.7255, 29.3257, 17.6347

Background



This preview shows how black text looks on a background with the XYZ color 36.7255, 29.3257, 17.6347.



This preview shows how white text looks on a background with the XYZ color 36.7255, 29.3257,

17.6347.

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

36.7255, 29.3257, 17.6347

Protanopia

27.7645, 29.6559, 21.4004

Deuteranopia

30.0762, 29.5756, 17.2202



Tritanopia

38.3072, 29.4326, 24.7811

Trichromacy



Original Color

36.7255, 29.3257, 17.6347

Protanomaly

30.4013, 29.0273, 19.9201

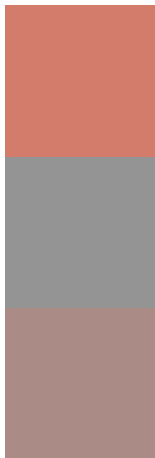
Deuteranomaly

32.2000, 29.1667, 17.2972

Tritanomaly

37.6238, 29.3213, 22.0889

Monochromacy



Original Color

36.7255, 29.3257, 17.6347

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2608, 28.8166, 26.1575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7255, 29.3257, 17.6347 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 36.7255, 29.3257, 17.6347 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, 107) }
```


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

```
.border{ border-color:rgb(211, 124, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7255, 29.3257, 17.6347 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, 107) }
```

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

```
.background{ background-color: rgb(211,  
124, 107) }
```

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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