

Converting Colors

XYZ(36.2497, 29.1204, 19.6996)

Have a look what the booklet for
XYZ(36.2497, 29.1204, 19.6996)
contains.

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Color

**XYZ(36.2573, 29.0401,
19.6139)**

Conversions

Conversions Part 1

Format	Color
Hex	D07C72
RGB	208, 124, 114
RGB Percent	82%, 49%, 45%
CMY	0.1843, 0.5137, 0.5529
CMYK	0.00, 0.40, 0.45, 0.18
HSL	6°, 50%, 63%
HSV	6°, 45%, 82%
XYZ	36.2573, 29.0401, 19.6139
YIQ	147.9760, 53.2740, 14.6980

Conversions

Conversions Part 2

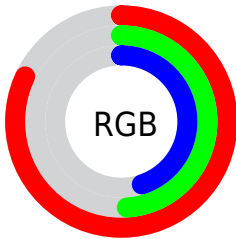
Format	Color
R _Y B	208, 125, 114
Decimal	13663346
CIE Lab	60.82, 31.52, 19.49
CIE LCh	61, 37.055, 31.734
Yxy	29.0401, 0.4270, 0.3420
Android (android.graphics.Color)	4291853426 (0xFFD07C72)
YUV	147.9760, -16.7502, 52.6410
Hunter-Lab	53.8889, 25.7922, 16.1425

Details

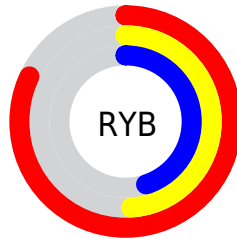
The XYZ color **36.2573, 29.0401, 19.6139** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.5175, 48.5173, 67.0090**, and the grayscale version is **28.1911, 29.6592, 32.2989**.

A 20% lighter version of the original color is **64.0433, 55.8540, 43.4818**, and **16.0098, 11.7749, 6.5832** is the 20% darker color. If you saturate the color by 10%, you get **33.0915, 24.3926, 13.3668**, and if you desaturate by 10%, it is **40.1328, 34.6761, 27.4262**.

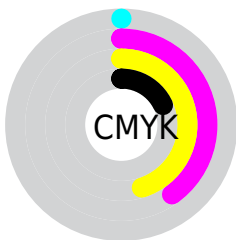
Distribution



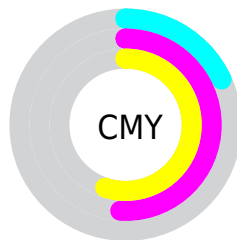
- Red (82%)
- Green (49%)
- Blue (45%)



- Red (82%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (40%)
- Yellow (45%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2573, 29.0401, 19.6139 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 36.2573, 29.0401, 19.6139 by changing the saturation by 10% instead.


 36.2573, 29.0401,
19.6139


 36.2573, 29.0401,
19.6139


321.4954,
297.4041, 262.3519


 24.8040, 19.1112,
11.9334


 68.7503, 58.1408,
43.6193


 16.0590, 11.7506,
6.5764


 90.5207, 78.0813,
60.7814

 9.6571, 6.5741,
3.1242


 116.4609,
102.1279, 81.9410

 5.2327, 3.1972,
1.1584

 146.9361,
130.6648, 107.5167

 2.4206, 1.2355,
0.0000

182.3119,
164.0764, 137.9272

 0.8554, 0.0904,
0.0000

222.9534,

 0.0000, 0.0000,

202.7473, 173.5908

0.0000

269.2262,
247.0617, 214.9262

■ 36.2573, 29.0401,
19.6139

■ 36.2573, 29.0401,
19.6139

■ 33.0915, 24.3926,
13.3668

■ 40.1328, 34.6761,
27.4262

■ 30.5899, 20.6725,
8.5776

■ 44.7553, 41.3487,
36.8978

■ 28.7053, 17.8185,
5.1283


■ 50.1622, 49.1077,
48.1175


■ 27.3832, 15.7601,
2.8814

■ 56.3876, 57.9987,
61.1670


■ 26.5591, 14.4157,
1.6699

■ 63.4638, 68.0647,
76.1231

 26.3019, 13.9890,
1.3139

 71.4210, 79.3463,
93.0582

 79.5386, 91.5823,
108.0928

 79.8223, 92.1498,
108.1874

Harmonies

Analogous

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



37.9393, 29.0401, 30.8235



36.2573, 29.0401, 19.6139



32.2270, 29.0401, 13.5315

Triad

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



36.2573, 29.0401, 19.6139



20.2179, 29.0401, 20.6430



27.8831, 29.0401, 66.2576

Complementary

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



36.2573, 29.0401, 19.6139



38.5175, 48.5173, 67.0090

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.



23.4417, 29.0401, 61.2282



36.2573, 29.0401, 19.6139



19.3365, 29.0401, 32.4295

Square

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



36.2573, 29.0401, 19.6139



23.0088, 29.0401, 13.9926



20.4466, 29.0401, 47.7340



32.7685, 29.0401, 59.9892

Rectangle

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



36.2573, 29.0401, 19.6139



28.9556, 29.0401, 11.9563



20.4466, 29.0401, 47.7340



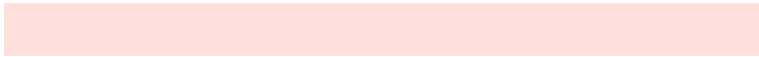
26.2907, 29.0401, 65.8270

Sweetspot

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



36.2580, 29.0416, 19.6144



80.4801, 79.2190, 78.2741



42.2921, 29.5496, 57.2641



16.7960, 16.3405, 15.8568



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.



36.2580, 29.0416, 19.6144



52.7139, 39.0421, 21.6798



43.4995, 43.5245, 22.0283



11.9086, 12.0078, 12.3021



16.4273, 8.7876, 0.8304



0.9536, 0.5616, 0.0581

Inverse Universe

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



38.5175, 48.5173, 67.0090



56.6878, 73.5454, 105.8157



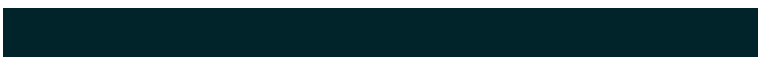
29.4882, 30.4585, 63.9992



12.0464, 13.1831, 15.1533



18.0640, 24.7746, 41.0224



1.0416, 1.4483, 2.3042

Previews

White Background



This preview shows how the XYZ color 36.2573, 29.0401, 19.6139 looks on a white background.

Color Contrast Check

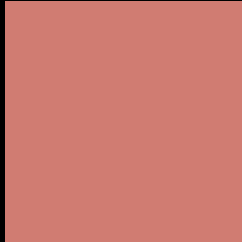
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2573, 29.0401, 19.6139 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 36.2573, 29.0401, 19.6139

Background



This preview shows how black text looks on a background with the XYZ color 36.2573, 29.0401, 19.6139.



This preview shows how white text looks on a background with the XYZ color 36.2573, 29.0401,

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

36.2573, 29.0401, 19.6139

Protanopia

27.6530, 29.3167, 23.6033

Deuteranopia

29.6277, 29.0817, 19.0907



Tritanopia

37.3508, 29.1131, 25.1235

Trichromacy



Original Color

36.2573, 29.0401, 19.6139

Protanomaly

30.1394, 28.8444, 22.0682

Deuteranomaly

31.8383, 28.9369, 19.2366

Tritanomaly

37.0791, 29.2019, 23.0843

Monochromacy



Original Color

36.2573, 29.0401, 19.6139

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2541, 28.7889, 27.2548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2573, 29.0401, 19.6139 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(208, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(208, 124, 114)  
}
```

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(208, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 124, 114) }
```

Border

The CSS property to change the border of an element to XYZ 36.2573, 29.0401, 19.6139 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(208, 124, 114) }
```


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

```
.border{ border-color:rgb(208, 124, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(208, 124,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2573, 29.0401, 19.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 124, 114) }
```

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

```
.background{ background-color: rgb(208,  
124, 114) }
```

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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