

Converting Colors

XYZ(36.5953, 29.2230, 15.4240)

Have a look what the booklet for
XYZ(36.5953, 29.2230, 15.4240)
contains.

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Color

**XYZ(36.6112, 29.3132,
15.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	D47C63
RGB	212, 124, 99
RGB Percent	83%, 49%, 39%
CMY	0.1686, 0.5137, 0.6118
CMYK	0.00, 0.42, 0.53, 0.17
HSL	13°, 57%, 61%
HSV	13°, 53%, 83%
XYZ	36.6112, 29.3132, 15.5328
YIQ	147.4620, 60.4730, 10.8810

Conversions

Conversions Part 2

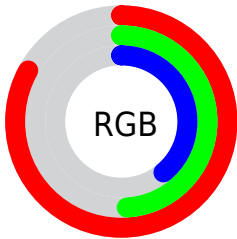
Format	Color
R_{YB}	212, 131, 99
Decimal	13925475
CIE Lab	61.06, 31.66, 28.35
CIE LCh	61, 42.499, 41.850
Yxy	29.3132, 0.4495, 0.3599
Android (android.graphics.Color)	4292115555 (0xFFD47C63)
YUV	147.4620, -23.8918, 56.5998
Hunter-Lab	54.1417, 25.9558, 20.8894

Details

The XYZ color **36.6112, 29.3132, 15.5328** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7987, 42.9448, 68.7423**, and the grayscale version is **28.0037, 29.4621, 32.0842**.

A 20% lighter version of the original color is **62.6654, 55.3028, 36.2258**, and **16.3950, 12.0155, 4.7039** is the 20% darker color. If you saturate the color by 10%, you get **33.8290, 25.1636, 10.2445**, and if you desaturate by 10%, it is **40.0072, 34.2649, 22.3386**.

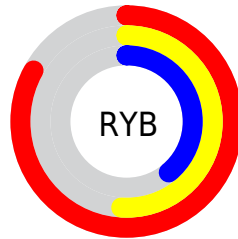
Distribution



Red (83%)

Green (49%)

Blue (39%)



Red (83%)

Yellow (51%)

Blue (39%)

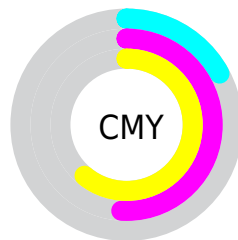


Cyan (0%)

Magenta (42%)

Yellow (53%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6112, 29.3132, 15.5328 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 36.6112, 29.3132, 15.5328 by changing the saturation by 10% instead.


 36.6112, 29.3132,
15.5328


 36.6112, 29.3132,
15.5328


323.0090,
298.6899, 238.3197


 25.0789, 19.3179,
9.0434


 69.2921, 58.5743,
36.5406

 16.2649, 11.9002,
4.6723


 91.1715, 78.6089,
51.8961

 9.8038, 6.6758,
2.0010


 117.2305,
102.7587, 71.0441

 5.3303, 3.2602,
0.5559

 147.8346,
131.4082, 94.4031

 2.4791, 1.2690,
0.0000

183.3492,
164.9416, 122.3916

 0.8847, 0.1170,
0.0000

224.1395,

 0.0000, 0.0000,

203.7434, 155.4282

0.0000

270.5710,
248.1981, 193.9313

■ 36.6112, 29.3132,
15.5328

■ 36.6112, 29.3132,
15.5328

■ 33.8290, 25.1636,
10.2445

■ 40.0072, 34.2649,
22.3386

■ 31.6200, 21.7687,
6.3542

■ 44.0499, 40.0540,
30.7656

■ 29.9416, 19.0826,
3.7267

■ 48.7723, 46.7188,
40.9103

■ 28.7435, 17.0525,
2.1992

■ 54.2046, 54.2941,
52.8611

■ 28.1643, 16.0230,
1.6083

■ 60.3748, 62.8127,
66.7003

■ 67.3098, 72.3058,
82.5051

■ 75.0347, 82.8030,
100.3484

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



39.6936, 29.3132, 26.0314



36.6112, 29.3132, 15.5328



31.3273, 29.3132, 10.7625

Triad

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



36.6112, 29.3132, 15.5328



18.8842, 29.3132, 23.2952



30.1158, 29.3132, 72.2573

Complementary

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



36.6112, 29.3132, 15.5328



34.7987, 42.9448, 68.7423

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.



24.6609, 29.3132, 70.7658



36.6112, 29.3132, 15.5328



18.6504, 29.3132, 38.6292

Square

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



36.6112, 29.3132, 15.5328



21.3177, 29.3132, 14.1063



20.6300, 29.3132, 57.0241



35.6232, 29.3132, 60.6006

Rectangle

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



36.6112, 29.3132, 15.5328



27.5174, 29.3132, 10.0483



20.6300, 29.3132, 57.0241



28.2081, 29.3132, 73.3609

Sweetspot

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



36.6119, 29.3147, 15.5333



79.8519, 79.0227, 74.7966



40.6384, 26.5310, 50.2834



16.7189, 16.3950, 15.1878



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.



36.6119, 29.3147, 15.5333



50.8709, 37.4450, 14.6258



45.7215, 47.5338, 18.5699



12.6439, 12.8620, 12.9769



17.4489, 10.0150, 1.0134



1.1151, 0.7294, 0.0820

Inverse Universe

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



34.7987, 42.9448, 68.7423



47.7456, 60.0889, 103.6896



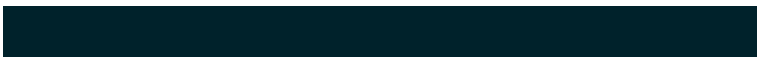
25.1480, 23.6435, 65.5254



12.5482, 13.6199, 15.9051



15.7299, 19.7216, 41.4308



1.0076, 1.3072, 2.5185

Previews

White Background



This preview shows how the XYZ color 36.6112, 29.3132, 15.5328 looks on a white background.

Color Contrast Check

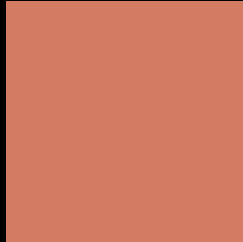
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6112, 29.3132, 15.5328 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 36.6112, 29.3132, 15.5328

Background



This preview shows how black text looks on a background with the XYZ color 36.6112, 29.3132, 15.5328.



This preview shows how white text looks on a background with the XYZ color 36.6112, 29.3132,

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

36.6112, 29.3132, 15.5328

Protanopia

27.6483, 29.6549, 18.7347

Deuteranopia

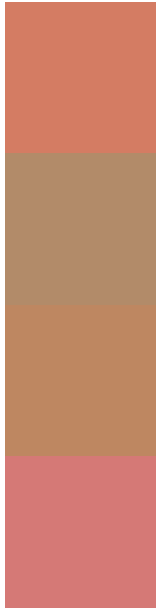
29.9963, 29.3593, 15.1523



Tritanopia

38.4105, 29.3141, 24.4026

Trichromacy



Original Color

36.6112, 29.3132, 15.5328

Protanomaly

30.1425, 28.9501, 17.3639

Deuteranomaly

32.0568, 29.1382, 15.2439

Tritanomaly

37.5480, 29.1289, 20.7830

Monochromacy



Original Color

36.6112, 29.3132, 15.5328

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0565, 28.7349, 25.0813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6112, 29.3132, 15.5328 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, 124, 99)` looks like.

```
.text, #text, p{  
    color:rgb(212, 124, 99)  
}
```

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, 124, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 124, 99) }
```

Border

The CSS property to change the border of an element to XYZ 36.6112, 29.3132, 15.5328 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, 124, 99) }
```


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

```
.border{ border-color:rgb(212, 124, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 124, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 124, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 124, 99);  
box-shadow:4px 4px 4px 4px rgb(212, 124,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6112, 29.3132, 15.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 124, 99) }
```

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

```
.background{ background-color: rgb(212,  
124, 99) }
```

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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