

Converting Colors

XYZ(35.8977, 29.6142, 15.3570)

Have a look what the booklet for
XYZ(35.8977, 29.6142, 15.3570)
contains.

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Color

**XYZ(35.9362, 29.7301,
15.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	D08062
RGB	208, 128, 98
RGB Percent	82%, 50%, 38%
CMY	0.1843, 0.4980, 0.6157
CMYK	0.00, 0.38, 0.53, 0.18
HSL	16°, 54%, 60%
HSV	16°, 53%, 82%
XYZ	35.9362, 29.7301, 15.3997
YIQ	148.5000, 57.3100, 7.6300

Conversions

Conversions Part 2

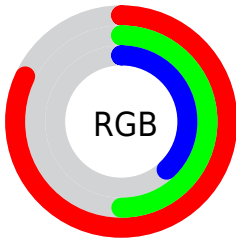
Format	Color
R_{YB}	208, 139, 98
Decimal	13664354
CIE _{Lab}	61.42, 27.84, 29.28
CIE _{LCh}	61, 40.403, 46.445
Yxy	29.7301, 0.4433, 0.3667
Android (android.graphics.Color)	4291854434 (0xFFD08062)
YUV	148.5000, -24.8965, 52.1815
Hunter-Lab	54.5253, 22.2253, 21.4223

Details

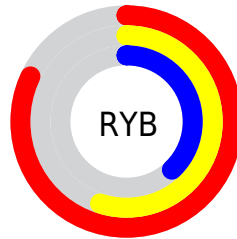
The XYZ color **35.9362, 29.7301, 15.3997** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3416, 38.9895, 65.4954**, and the grayscale version is **28.4422, 29.9234, 32.5866**.

A 20% lighter version of the original color is **63.1887, 56.4777, 36.0046**, and **15.8996, 12.1718, 4.6434** is the 20% darker color. If you saturate the color by 10%, you get **33.2507, 25.7319, 10.2727**, and if you desaturate by 10%, it is **39.1725, 34.4216, 21.9696**.

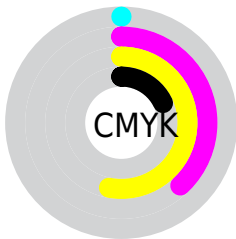
Distribution



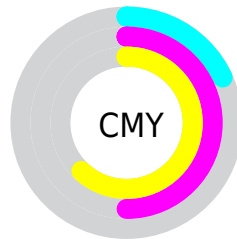
- Red (82%)
- Green (50%)
- Blue (38%)



- Red (82%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9362, 29.7301, 15.3997 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 35.9362, 29.7301, 15.3997 by changing the saturation by 10% instead.


 35.9362, 29.7301,
15.3997


 35.9362, 29.7301,
15.3997


320.1177,
300.6444, 237.4964


 24.5548, 19.6338,
8.9507


 68.2581, 59.2351,
36.3050


 15.8726, 12.1291,
4.6126


 89.9293, 79.4126,
51.5984

 9.5244, 6.8317,
1.9671


 115.7612,
103.7193, 70.6770

 5.1446, 3.3571,
0.5349

 146.1190,
132.5395, 93.9592

 2.3680, 1.3209,
0.0000

181.3683,
166.2578, 121.8638

 0.8291, 0.1573,
0.0000

221.8742,

 0.0000, 0.0000,

205.2584, 154.8091

0.0000

268.0023,
249.9258, 193.2138

■ 35.9362, 29.7301,
15.3997

■ 35.9362, 29.7301,
15.3997

■ 33.2507, 25.7319,
10.2727

■ 39.1725, 34.4216,
21.9696

■ 31.0806, 22.3886,
6.4763

■ 42.9876, 39.8335,
30.0800

■ 29.3895, 19.6644,
3.8839

■ 47.4101, 45.9969,
39.8215

■ 28.1342, 17.5179,
2.3430

■ 52.4660, 52.9395,
51.2774

■ 27.4625, 16.3102,
1.7007

■ 58.1799, 60.6877,
64.5252

■ 64.5746, 69.2666,
79.6378

■ 71.6724, 78.7002,
96.6837

■ 77.9430, 88.3911,
107.5609

■ 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.



39.2887, 29.7301, 24.7423



35.9362, 29.7301, 15.3997



30.7321, 29.7301, 11.3791

Triad

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



35.9362, 29.7301, 15.3997



19.4081, 29.7301, 25.9587



31.2639, 29.7301, 69.5392

Complementary

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



35.9362, 29.7301, 15.3997



32.3416, 38.9895, 65.4954

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.



25.9196, 29.7301, 70.1799



35.9362, 29.7301, 15.3997



19.5126, 29.7301, 41.4258

Square

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



35.9362, 29.7301, 15.3997



21.4529, 29.7301, 16.0474



21.7589, 29.7301, 58.6881



36.3675, 29.7301, 57.1433

Rectangle

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



35.9362, 29.7301, 15.3997



27.1211, 29.7301, 11.0667



21.7589, 29.7301, 58.6881



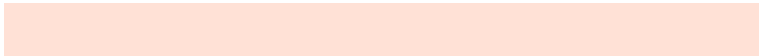
29.4254, 29.7301, 71.2456

Sweetspot

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



35.9369, 29.7316, 15.4003



80.4175, 80.1539, 74.9851



38.4831, 25.3866, 45.3431



16.8524, 16.6619, 15.2323



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.



35.9369, 29.7316, 15.4003



52.3892, 40.3006, 15.6898



45.0133, 47.8843, 18.4257



12.0674, 12.3255, 12.3551



17.1858, 10.3046, 1.0832



1.0277, 0.7096, 0.0828

Inverse Universe

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



32.3416, 38.9895, 65.4954



46.0408, 56.2956, 103.0473



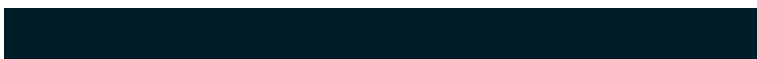
23.5883, 21.4829, 62.5776



11.8743, 12.8389, 15.0960



14.1036, 16.8539, 39.7023



0.8527, 1.0707, 2.2413

Previews

White Background



This preview shows how the XYZ color 35.9362, 29.7301, 15.3997 looks on a white background.

Color Contrast Check

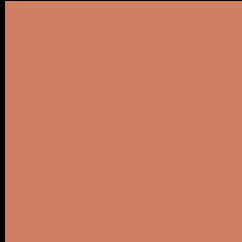
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9362, 29.7301, 15.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

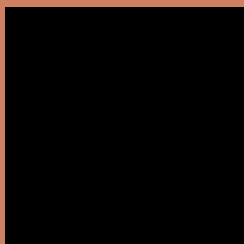
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9362, 29.7301, 15.3997

Background



This preview shows how black text looks on a background with the XYZ color 35.9362, 29.7301, 15.3997.



This preview shows how white text looks on a background with the XYZ color 35.9362, 29.7301,

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

35.9362, 29.7301, 15.3997

Protanopia

27.8985, 30.0300, 18.2359

Deuteranopia

30.3290, 29.7559, 14.9714



Tritanopia

38.1118, 29.6807, 25.5500

Trichromacy



Original Color

35.9362, 29.7301, 15.3997

Protanomaly

30.1550, 29.3963, 17.1814

Deuteranomaly

32.2922, 29.6830, 15.0937

Tritanomaly

37.3021, 29.7249, 21.5407

Monochromacy



Original Color

35.9362, 29.7301, 15.3997

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1317, 29.2075, 25.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9362, 29.7301, 15.3997 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, 128, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 128, 98)  
}
```

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, 128, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 128, 98) }
```

Border

The CSS property to change the border of an element to XYZ 35.9362, 29.7301, 15.3997 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, 128, 98) }
```


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

```
.border{ border-color:rgb(208, 128, 98) }
```

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

Here you see how a box with a 4 pixel rgb(208, 128, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 128, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 128, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 128,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9362, 29.7301, 15.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 128, 98) }
```

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

```
.background{ background-color: rgb(208,  
128, 98) }
```

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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