

Converting Colors

XYZ(35.4050, 29.1043, 13.8769)

Have a look what the booklet for
XYZ(35.4050, 29.1043, 13.8769)
contains.

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Color

**XYZ(35.4050, 29.1043,
13.8769)**

Conversions

Conversions Part 1

Format	Color
Hex	D07E5C
RGB	208, 126, 92
RGB Percent	82%, 49%, 36%
CMY	0.1843, 0.5059, 0.6392
CMYK	0.00, 0.39, 0.56, 0.18
HSL	18°, 55%, 59%
HSV	18°, 56%, 82%
XYZ	35.4050, 29.1043, 13.8769
YIQ	146.6420, 59.7860, 6.8100

Conversions

Conversions Part 2

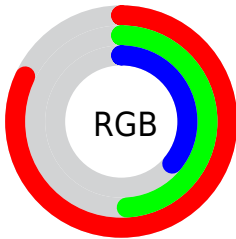
Format	Color
RYB	208, 140, 92
Decimal	13663836
CIELab	60.87, 28.41, 31.89
CIElCh	61, 42.710, 48.307
Yxy	29.1043, 0.4517, 0.3713
Android (android.graphics.Color)	4291853916 (0xFFD07E5C)
YUV	146.6420, -26.9385, 53.8110
Hunter-Lab	53.9484, 22.7354, 22.5130

Details

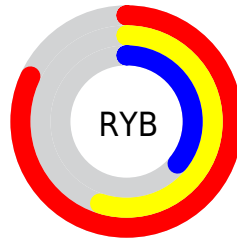
The XYZ color **35.4050, 29.1043, 13.8769** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **30.9339, 37.0995, 65.2046**, and the grayscale version is **27.6764, 29.1177, 31.7092**.

A 20% lighter version of the original color is **62.3180, 55.4834, 33.4114**, and **15.6358, 11.8424, 3.9443** is the 20% darker color. If you saturate the color by 10%, you get **32.8737, 25.3026, 9.1465**, and if you desaturate by 10%, it is **38.4637, 33.5615, 20.0150**.

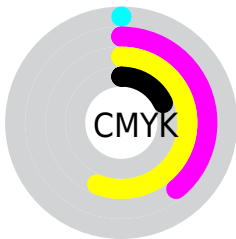
Distribution



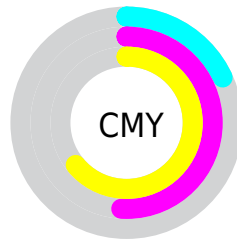
- Red (82%)
- Green (49%)
- Blue (36%)



- Red (82%)
- Yellow (55%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (56%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4050, 29.1043, 13.8769 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 35.4050, 29.1043, 13.8769 by changing the saturation by 10% instead.


 35.4050, 29.1043,
13.8769


 35.4050, 29.1043,
13.8769


317.8292,
297.7068, 227.8654


 24.1430, 19.1597,
7.8973


 67.4426, 58.2428,
33.5844

 15.5650, 11.7858,
3.9425


 88.9489, 78.2054,
48.1495

 9.3058, 6.5980,
1.5938


 114.6007,
102.2763, 66.4134

 4.9999, 3.2120,
0.2864

 144.7633,
130.8397, 88.7947

 2.2819, 1.2434,
0.0000

179.8021,
164.2800, 115.7121

 0.7854, 0.0967,
0.0000

220.0824,

 0.0000, 0.0000,

202.9817, 147.5840

0.0000

265.9697,
247.3292, 184.8289

■ 35.4050, 29.1043,
13.8769

■ 35.4050, 29.1043,
13.8769

■ 32.8737, 25.3026,
9.1465

■ 38.4637, 33.5615,
20.0150

■ 30.8346, 22.1194,
5.7076

■ 42.0774, 38.6997,
27.6608

■ 29.2512, 19.5208,
3.4280

■ 46.2745, 44.5483,
36.9071

■ 28.0793, 17.4668,
2.1442

■ 51.0804, 51.1338,
47.8387

■ 27.6796, 16.7446,
1.7731

■ 56.5191, 58.4812,
60.5344

■ 62.6133, 66.6142,
75.0678

■ 69.3844, 75.5556,
91.5087

■ 76.3005, 85.1062,
107.0134

■ 79.8222, 92.1498,
108.1874

Harmonies

Analogous

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



39.1116, 29.1043, 23.0081



35.4050, 29.1043, 13.8769



29.8878, 29.1043, 10.1611

Triad

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



35.4050, 29.1043, 13.8769



18.4545, 29.1043, 25.8776



31.1606, 29.1043, 70.5789

Complementary

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



35.4050, 29.1043, 13.8769



30.9339, 37.0995, 65.2046

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.



25.5510, 29.1043, 72.1505



35.4050, 29.1043, 13.8769



18.6994, 29.1043, 42.3192

Square

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



35.4050, 29.1043, 13.8769



20.4194, 29.1043, 15.3686



21.1405, 29.1043, 60.5111



36.4437, 29.1043, 56.7453

Rectangle

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



35.4050, 29.1043, 13.8769



26.1459, 29.1043, 10.0146



21.1405, 29.1043, 60.5111



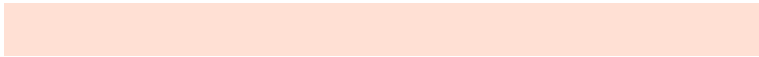
29.2372, 29.1043, 72.6959

Sweetspot

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



35.4057, 29.1058, 13.8774



79.8315, 79.4997, 73.1935



37.5905, 24.1647, 43.3091



16.7448, 16.5488, 14.8821



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.



35.4057, 29.1058, 13.8774



51.4036, 39.0175, 13.2402



44.8500, 47.9945, 17.0256



12.0871, 12.3649, 12.3616



17.3248, 10.5827, 1.1295



1.0375, 0.7293, 0.0861

Inverse Universe

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



30.9339, 37.0995, 65.2046



43.5308, 52.7341, 102.4921



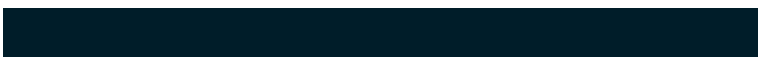
22.1758, 19.5833, 62.2853



11.8535, 12.7973, 15.0890



13.6883, 16.0232, 39.5638



0.8322, 1.0296, 2.2344

Previews

White Background



This preview shows how the XYZ color 35.4050, 29.1043, 13.8769 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 35.4050, 29.1043, 13.8769 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 35.4050, 29.1043, 13.8769

Background



This preview shows how black text looks on a background with the XYZ color 35.4050, 29.1043, 13.8769.



This preview shows how white text looks on a background with the XYZ color 35.4050, 29.1043,

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

35.4050, 29.1043, 13.8769

Protanopia

27.0320, 29.1585, 16.2600

Deuteranopia

29.9185, 29.3547, 13.5403



Tritanopia

37.7306, 29.1353, 24.7542

Trichromacy



Original Color

35.4050, 29.1043, 13.8769

Protanomaly

29.5217, 28.6754, 15.2882

Deuteranomaly

31.8848, 29.2937, 13.6466

Tritanomaly

36.8137, 29.1285, 20.2051

Monochromacy



Original Color

35.4050, 29.1043, 13.8769

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.4256, 28.4326, 24.0158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4050, 29.1043, 13.8769 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, 126, 92)` looks like.

```
.text, #text, p{  
    color:rgb(208, 126, 92)  
}
```

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, 126, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 126, 92) }
```

Border

The CSS property to change the border of an element to XYZ 35.4050, 29.1043, 13.8769 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, 126, 92) }
```


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

```
.border{ border-color:rgb(208, 126, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 126, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 126, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 126, 92);  
box-shadow:4px 4px 4px 4px rgb(208, 126,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4050, 29.1043, 13.8769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 126, 92) }
```

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

```
.background{ background-color: rgb(208,  
126, 92) }
```

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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