

Converting Colors

XYZ(35.4090, 29.1562, 13.6252)

Have a look what the booklet for
XYZ(35.4090, 29.1562, 13.6252)
contains.

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Color

**XYZ(35.3616, 29.0869,
13.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	D07E5B
RGB	208, 126, 91
RGB Percent	82%, 49%, 36%
CMY	0.1843, 0.5059, 0.6431
CMYK	0.00, 0.39, 0.56, 0.18
HSL	18°, 55%, 59%
HSV	18°, 56%, 82%
XYZ	35.3616, 29.0869, 13.6481
YIQ	146.5280, 60.1070, 6.4990

Conversions

Conversions Part 2

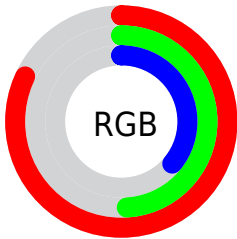
Format	Color
R_{YB}	208, 141, 91
Decimal	13663835
CIE Lab	60.86, 28.33, 32.42
CIE LCh	61, 43.053, 48.857
Yxy	29.0869, 0.4528, 0.3724
Android (android.graphics.Color)	4291853915 (0xFFD07E5B)
YUV	146.5280, -27.3753, 53.9109
Hunter-Lab	53.9323, 22.6550, 22.7487

Details

The XYZ color **35.3616, 29.0869, 13.6481** 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 **30.6423, 36.6635, 65.1360**, and the grayscale version is **27.6310, 29.0700, 31.6572**.

A 20% lighter version of the original color is **62.2426, 55.4532, 33.0142**, and **15.6167, 11.8348, 3.8441** is the 20% darker color. If you saturate the color by 10%, you get **32.8555, 25.3173, 8.9828**, and if you desaturate by 10%, it is **38.3893, 33.5022, 19.7145**.

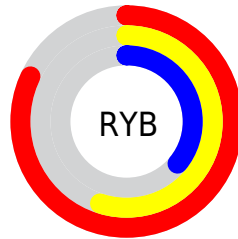
Distribution



Red (82%)

Green (49%)

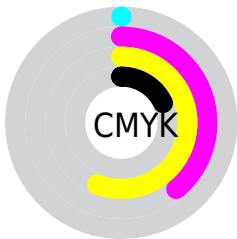
Blue (36%)



Red (82%)

Yellow (55%)

Blue (36%)

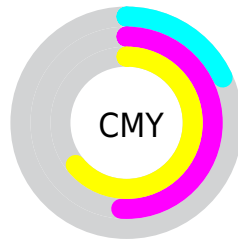


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (18%)



Cyan (18%)


Magenta (51%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3616, 29.0869, 13.6481 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 35.3616, 29.0869, 13.6481 by changing the saturation by 10% instead.


 35.3616, 29.0869,
13.6481


 35.3616, 29.0869,
13.6481


317.6417,
297.6248, 226.3823


 24.1094, 19.1466,
7.7404


 67.3759, 58.2151,
33.1714

 15.5399, 11.7762,
3.8439


 88.8687, 78.1718,
47.6241

 9.2880, 6.5915,
1.5401


 114.5057,
102.2361, 65.7621

 4.9881, 3.2080,
0.2475

 144.6523,
130.7923, 88.0041

 2.2750, 1.2412,
0.0000

179.6738,
164.2249, 114.7686

 0.7818, 0.0950,
0.0000

219.9357,

 0.0000, 0.0000,

202.9182, 146.4741

0.0000

265.8032,
247.2567, 183.5392

■ 35.3616, 29.0869,
13.6481

■ 35.3616, 29.0869,
13.6481

■ 32.8555, 25.3173,
8.9828

■ 38.3893, 33.5022,
19.7145

■ 30.8362, 22.1571,
5.6018

■ 41.9664, 38.5881,
27.2825

■ 29.2673, 19.5728,
3.3721

■ 46.1206, 44.3737,
36.4452

■ 28.1040, 17.5248,
2.1254

■ 50.8776, 50.8850,
47.2875

■ 27.7475, 16.8803,
1.7958

■ 56.2609, 58.1463,
59.8885

■ 62.2932, 66.1812,
74.3220

■ 68.9956, 75.0119,
90.6578

■ 75.9995, 84.5042,
106.9131

■ 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.



39.1522, 29.0869, 22.7048



35.3616, 29.0869, 13.6481



29.7821, 29.0869, 10.0124

Triad

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



35.3616, 29.0869, 13.6481



18.3620, 29.0869, 26.0715



31.2782, 29.0869, 70.7850

Complementary

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



35.3616, 29.0869, 13.6481



30.6423, 36.6635, 65.1360

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.



25.6150, 29.0869, 72.6381



35.3616, 29.0869, 13.6481



18.6492, 29.0869, 42.7319

Square

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



35.3616, 29.0869, 13.6481



20.2977, 29.0869, 15.3928



21.1436, 29.0869, 61.0685



36.5835, 29.0869, 56.6317

Rectangle

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



35.3616, 29.0869, 13.6481



26.0197, 29.0869, 9.9135



21.1436, 29.0869, 61.0685



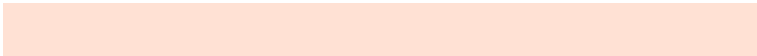
29.3391, 29.0869, 73.0108

Sweetspot

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



35.3623, 29.0884, 13.6486



79.9021, 79.6409, 73.2171



37.4767, 23.9815, 43.1340



16.7613, 16.5819, 14.8876



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.



35.3623, 29.0884, 13.6486



51.5473, 39.3048, 13.2881



44.7621, 47.8880, 16.7819



12.0930, 12.3766, 12.3636



17.3682, 10.6693, 1.1440



1.0405, 0.7353, 0.0871

Inverse Universe

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



30.6423, 36.6635, 65.1360



43.2848, 52.2422, 102.4102



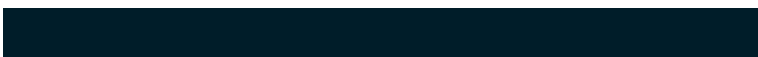
21.9856, 19.3501, 62.2505



11.8473, 12.7849, 15.0870



13.5680, 15.7827, 39.5237



0.8262, 1.0176, 2.2324

Previews

White Background



This preview shows how the XYZ color 35.3616, 29.0869, 13.6481 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 35.3616, 29.0869, 13.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

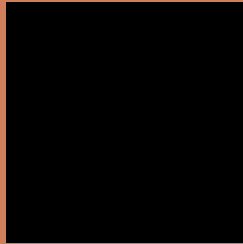
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3616, 29.0869, 13.6481

Background



This preview shows how black text looks on a background with the XYZ color 35.3616, 29.0869, 13.6481.



This preview shows how white text looks on a background with the XYZ color 35.3616, 29.0869,

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

35.3616, 29.0869, 13.6481

Protanopia

27.1831, 29.2419, 16.0159

Deuteranopia

29.8767, 29.3380, 13.3207



Tritanopia

37.7306, 29.1353, 24.7542

Trichromacy



Original Color

35.3616, 29.0869, 13.6481

Protanomaly

29.4754, 28.6569, 15.0441

Deuteranomaly

31.8425, 29.2767, 13.4239

Tritanomaly

36.8137, 29.1285, 20.2051

Monochromacy



Original Color

35.3616, 29.0869, 13.6481

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 35.3616, 29.0869, 13.6481 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(208, 126, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 126, 91) }
```

Border

The CSS property to change the border of an element to XYZ 35.3616, 29.0869, 13.6481 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, 91) }
```


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

```
.border{ border-color:rgb(208, 126, 91) }
```

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, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 126, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 126, 91);  
box-shadow:4px 4px 4px 4px rgb(208, 126,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3616, 29.0869, 13.6481 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, 91) }
```

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

```
.background{ background-color: rgb(208,  
126, 91) }
```

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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