

Converting Colors

XYZ(39.9294, 35.1663, 14.8085)

Have a look what the booklet for
XYZ(39.9294, 35.1663, 14.8085)
contains.

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Color

**XYZ(39.9294, 35.1663,
14.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	D7905C
RGB	215, 144, 92
RGB Percent	84%, 56%, 36%
CMY	0.1569, 0.4353, 0.6392
CMYK	0.00, 0.33, 0.57, 0.16
HSL	25°, 61%, 60%
HSV	25°, 57%, 84%
XYZ	39.9294, 35.1663, 14.8085
YIQ	159.3010, 59.0080, -1.1200

Conversions

Conversions Part 2

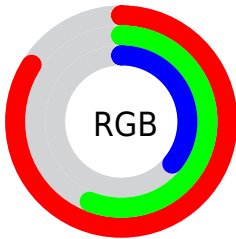
Format	Color
R _Y B	215, 182, 92
Decimal	14127196
CIE Lab	65.88, 21.55, 38.32
CIE LCh	66, 43.962, 60.644
Yxy	35.1663, 0.4441, 0.3912
Android (android.graphics.Color)	4292317276 (0xFFD7905C)
YUV	159.3010, -33.1794, 48.8480
Hunter-Lab	59.3012, 16.4127, 26.7051

Details

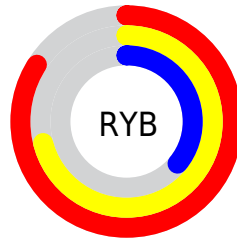
The XYZ color **39.9294, 35.1663, 14.8085** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **29.7759, 33.3745, 69.1624**, and the grayscale version is **33.2216, 34.9517, 38.0624**.

A 20% lighter version of the original color is **66.3920, 63.6313, 34.7694**, and **18.2736, 15.1786, 4.3495** is the 20% darker color. If you saturate the color by 10%, you get **37.3423, 31.2888, 9.9489**, and if you desaturate by 10%, it is **42.9915, 39.5673, 21.1426**.

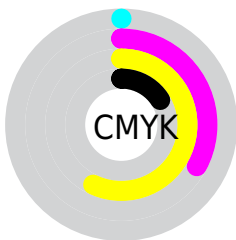
Distribution



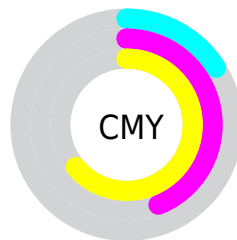
- Red (84%)
- Green (56%)
- Blue (36%)



- Red (84%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9294, 35.1663, 14.8085 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 39.9294, 35.1663, 14.8085 by changing the saturation by 10% instead.


 39.9294, 35.1663,
14.8085

 39.9294, 35.1663,
14.8085

336.9654,
325.3018, 233.8049

 27.6675, 23.7910,
8.5400


 74.3410, 67.7433,
35.2544

 18.2143, 15.1787,
4.3497


 97.2214, 89.7138,
50.2689

 11.2046, 8.9449,
1.8191


 124.3720,
115.9849, 69.0358

 6.2729, 4.7052,
0.4405

 156.1582,
146.9408, 91.9735

 3.0540, 2.0754,
0.0000

192.9452,
182.9661, 119.5008

 1.1824, 0.6507,
0.0000

235.0986,

 0.0924, 0.0000,

224.4451, 152.0361

0.0000

282.9835,
271.7622, 189.9980

■ 0.0000, 0.0000,
0.0000

■ 39.9294, 35.1663,
14.8085

■ 39.9294, 35.1663,
14.8085

■ 37.3423, 31.2888,
9.9489

■ 42.9915, 39.5673,
21.1426

■ 35.1977, 27.9069,
6.4374

■ 46.5530, 44.5073,
29.0594

■ 33.4624, 24.9974,
4.1289

■ 50.6393, 50.0077,
38.6591

■ 32.0926, 22.5310,
2.8298

■ 55.2731, 56.0870,
50.0330

■ 31.7570, 21.9126,
2.5558

■ 60.4758, 62.7626,
63.2657

■ 66.2675, 70.0514,
78.4363

■ 72.6673, 77.9691,
95.6195

■ 78.2097, 85.9379,
107.0733

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



45.3636, 35.1663, 22.7980



39.9294, 35.1663, 14.8085



33.2843, 35.1663, 12.5026

Triad

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



39.9294, 35.1663, 14.8085



22.4258, 35.1663, 38.6935



40.2037, 35.1663, 78.0490

Complementary

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



39.9294, 35.1663, 14.8085



29.7759, 33.3745, 69.1624

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.



33.5651, 35.1663, 86.3546



39.9294, 35.1663, 14.8085



23.7887, 35.1663, 59.5704

Square

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



39.9294, 35.1663, 14.8085



23.6770, 35.1663, 23.2944



27.6675, 35.1663, 78.6970



45.5359, 35.1663, 58.6404

Rectangle

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



39.9294, 35.1663, 14.8085



29.2114, 35.1663, 13.6226



27.6675, 35.1663, 78.6970



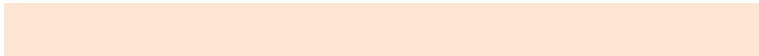
38.0244, 35.1663, 82.4682

Sweetspot

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



39.9302, 35.1681, 14.8092



81.3704, 82.5775, 73.7065



38.5299, 24.7730, 37.7549



17.1061, 17.2714, 15.0025



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.



39.9302, 35.1681, 14.8092



54.1169, 44.7528, 13.1926



51.7276, 58.7629, 18.7416



12.8505, 13.2752, 13.0458



19.0946, 13.3064, 1.5620



1.2327, 0.9645, 0.1212

Inverse Universe

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



29.7759, 33.3745, 69.1624



37.7228, 41.7728, 100.6825



21.4556, 16.7339, 66.3889



12.3319, 13.1872, 15.8329



11.7617, 11.7852, 40.1080



0.7906, 0.8732, 2.4462

Previews

White Background



This preview shows how the XYZ color 39.9294, 35.1663, 14.8085 looks on a white background.

Color Contrast Check

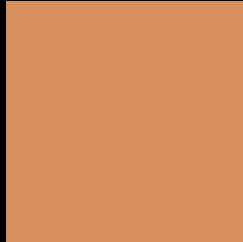
Large Text (above 18pt) WCAG AA × Fail

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 39.9294, 35.1663, 14.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

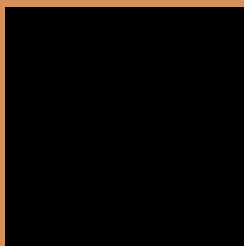
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9294, 35.1663, 14.8085

Background



This preview shows how black text looks on a background with the XYZ color 39.9294, 35.1663, 14.8085.



This preview shows how white text looks on a background with the XYZ color 39.9294, 35.1663,

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

39.9294, 35.1663, 14.8085

Protanopia

32.4546, 35.1374, 16.6269

Deuteranopia

36.0016, 35.2564, 14.5805



Tritanopia

43.4255, 35.0580, 32.0819

Trichromacy



Original Color

39.9294, 35.1663, 14.8085

Protanomaly

34.9021, 34.9029, 15.9637

Deuteranomaly

37.4233, 35.2645, 14.7318

Tritanomaly

42.1223, 35.1939, 24.6517

Monochromacy



Original Color

39.9294, 35.1663, 14.8085

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.5192, 34.4442, 27.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9294, 35.1663, 14.8085 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(215, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(215, 144, 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(215, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 144, 92) }
```

Border

The CSS property to change the border of an element to XYZ 39.9294, 35.1663, 14.8085 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(215, 144, 92) }
```


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

```
.border{ border-color:rgb(215, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(215, 144,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9294, 35.1663, 14.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 144, 92) }
```

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

```
.background{ background-color: rgb(215,  
144, 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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