

Converting Colors

XYZ(40.3091, 35.1629, 25.7185)

Have a look what the booklet for
XYZ(40.3091, 35.1629, 25.7185)
contains.

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Color

**XYZ(40.2970, 35.1135,
25.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	D19082
RGB	209, 144, 130
RGB Percent	82%, 56%, 51%
CMY	0.1804, 0.4353, 0.4902
CMYK	0.00, 0.31, 0.38, 0.18
HSL	11°, 46%, 66%
HSV	11°, 38%, 82%
XYZ	40.2970, 35.1135, 25.7728
YIQ	161.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

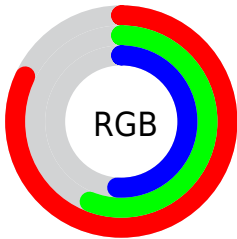
Format	Color
R _Y B	209, 147, 130
Decimal	13734018
CIE Lab	65.84, 22.87, 17.38
CIE LCh	66, 28.728, 37.229
Yxy	35.1135, 0.3983, 0.3470
Android (android.graphics.Color)	4291924098 (0xFFD19082)
YUV	161.8390, -15.6966, 41.3602
Hunter-Lab	59.2566, 17.6883, 15.6923

Details

The XYZ color **40.2970, 35.1135, 25.7728** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2289, 48.3777, 67.5391**, and the grayscale version is **34.3250, 36.1126, 39.3266**.

A 20% lighter version of the original color is **69.9813, 65.0671, 53.6705**, and **18.3484, 15.0982, 9.7318** is the 20% darker color. If you saturate the color by 10%, you get **36.6252, 29.7914, 18.3165**, and if you desaturate by 10%, it is **44.6523, 41.3463, 34.8633**.

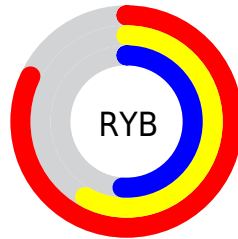
Distribution



Red (82%)

Green (56%)

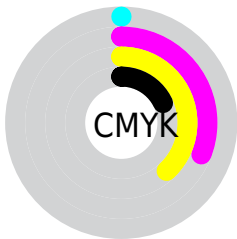
Blue (51%)



Red (82%)

Yellow (58%)

Blue (51%)

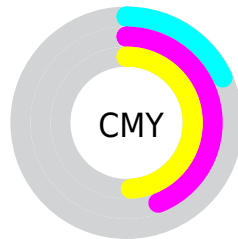


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2970, 35.1135, 25.7728 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 40.2970, 35.1135, 25.7728 by changing the saturation by 10% instead.


 40.2970, 35.1135,
25.7728


 40.2970, 35.1135,
25.7728


338.4868,
325.0690, 295.2349


 27.9554, 23.7503,
16.4295


 74.8970, 67.6616,
53.8878

 18.4323, 15.1485,
9.6710


 97.8862, 89.6152,
73.4965

 11.3624, 8.9237,
5.0786


 125.1553,
115.8678, 97.3642

 6.3802, 4.6914,
2.2339

157.0696,
146.8038, 125.9093

 3.1205, 2.0674,
0.6938

193.9946,
182.8075, 159.5504

 1.2178, 0.6462,
0.0000

236.2955,

 0.1203, 0.0000,

224.2634, 198.7060

0.0000

284.3378,
271.5557, 243.7946

■ 0.0000, 0.0000,
0.0000

■ 40.2970, 35.1135,
25.7728

■ 40.2970, 35.1135,
25.7728

■ 36.6252, 29.7914,
18.3165

■ 44.6523, 41.3463,
34.8633

■ 33.5988, 25.3323,
12.3950

■ 49.7210, 48.5246,
45.6753

■ 31.1803, 21.6915,
7.9012

■ 55.5345, 56.6876,
58.2923

■ 29.3270, 18.8185,
4.7131

■ 62.1215, 65.8707,
72.7918

■ 27.9900, 16.6568,
2.6882

■ 69.5093, 76.1075,
89.2466

■ 27.1069, 15.1399,
1.6257

■ 77.6590, 87.4043,
107.3854

■ 26.9576, 14.8815,
1.4516

■ 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



42.1349, 35.1135, 35.3685



40.2970, 35.1135, 25.7728



36.6309, 35.1135, 20.4892

Triad

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



40.2970, 35.1135, 25.7728



26.4061, 35.1135, 29.8876



34.4110, 35.1135, 66.3947

Complementary

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



40.2970, 35.1135, 25.7728



40.2289, 48.3777, 67.5391

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.



30.3167, 35.1135, 64.0611



40.2970, 35.1135, 25.7728



25.9209, 35.1135, 41.2474

Square

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



40.2970, 35.1135, 25.7728



28.6801, 35.1135, 22.4899



27.2937, 35.1135, 54.1733



38.5548, 35.1135, 60.0041

Rectangle

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



40.2970, 35.1135, 25.7728



33.7700, 35.1135, 19.3290



27.2937, 35.1135, 54.1733



32.9817, 35.1135, 66.6237

Sweetspot

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



40.2979, 35.1152, 25.7735



83.9330, 84.4729, 84.5180



44.2221, 33.4988, 56.2604



17.6941, 17.7004, 17.5012



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.



40.2979, 35.1152, 25.7735



58.6657, 48.5082, 31.1787



47.1887, 48.8968, 28.0704



11.9758, 12.1423, 12.3245



16.6725, 9.2780, 0.9121



0.9850, 0.6243, 0.0686

Inverse Universe

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



40.2289, 48.3777, 67.5391



58.5179, 72.0383, 105.4283



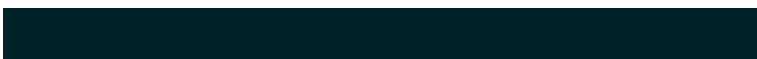
32.6593, 33.2386, 65.0159



11.9727, 13.0357, 15.1288



16.2513, 21.1491, 40.4181



0.9565, 1.2782, 2.2759

Previews

White Background



This preview shows how the XYZ color 40.2970, 35.1135, 25.7728 looks on a white background.

Color Contrast Check

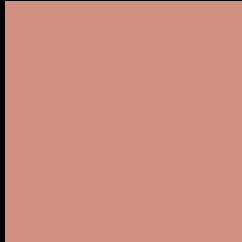
Large Text (above 18pt) WCAG AA × Fail

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 40.2970, 35.1135, 25.7728 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 40.2970, 35.1135, 25.7728

Background



This preview shows how black text looks on a background with the XYZ color 40.2970, 35.1135, 25.7728.



This preview shows how white text looks on a background with the XYZ color 40.2970, 35.1135,

25.7728.

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

40.2970, 35.1135, 25.7728

Protanopia

33.3067, 35.3014, 29.1032

Deuteranopia

35.9454, 35.2345, 25.3285



Tritanopia

42.0563, 35.1656, 34.2768

Trichromacy



Original Color

40.2970, 35.1135, 25.7728

Protanomaly

35.4572, 34.9278, 27.7946

Deuteranomaly

37.3745, 34.9998, 25.5547

Tritanomaly

41.2854, 35.0613, 30.9771

Monochromacy



Original Color

40.2970, 35.1135, 25.7728

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.8168, 35.2284, 33.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2970, 35.1135, 25.7728 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(209, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(209, 144, 130)  
}
```

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(209, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 144, 130) }
```

Border

The CSS property to change the border of an element to XYZ 40.2970, 35.1135, 25.7728 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(209, 144, 130) }
```


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

```
.border{ border-color:rgb(209, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(209, 144,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2970, 35.1135, 25.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 144, 130) }
```

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

```
.background{ background-color: rgb(209,  
144, 130) }
```

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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