

Converting Colors

XYZ(41.0580, 35.1319, 30.5244)

Have a look what the booklet for
XYZ(41.0580, 35.1319, 30.5244)
contains.

XYZ(41.0749, 35.1834, 30.6128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.0749, 35.1834,
30.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	D18F8F
RGB	209, 143, 143
RGB Percent	82%, 56%, 56%
CMY	0.1804, 0.4392, 0.4392
CMYK	0.00, 0.32, 0.32, 0.18
HSL	0°, 42%, 69%
HSV	0°, 32%, 82%
XYZ	41.0749, 35.1834, 30.6128
YIQ	162.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

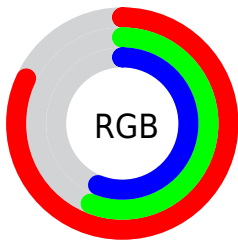
Format	Color
RYB	209, 143, 143
Decimal	13733775
CIELab	65.89, 25.04, 10.17
CIElCh	66, 27.028, 22.103
Yxy	35.1834, 0.3843, 0.3292
Android (android.graphics.Color)	4291923855 (0xFFD18F8F)
YUV	162.7340, -9.7289, 40.5753
Hunter-Lab	59.3156, 19.8055, 10.9213

Details

The XYZ color **41.0749, 35.1834, 30.6128** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6360, 56.0422, 68.7337**, and the grayscale version is **34.7196, 36.5277, 39.7787**.

A 20% lighter version of the original color is **71.2843, 65.2237, 61.6557**, and **18.9398, 15.2169, 12.2948** is the 20% darker color. If you saturate the color by 10%, you get **36.7863, 28.9083, 22.0862**, and if you desaturate by 10%, it is **46.2448, 42.7487, 40.8891**.

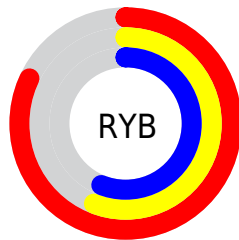
Distribution



Red (82%)

Green (56%)

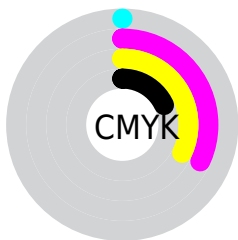
Blue (56%)



Red (82%)

Yellow (56%)

Blue (56%)

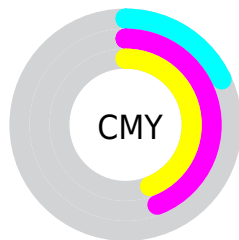


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0749, 35.1834, 30.6128 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 41.0749, 35.1834, 30.6128 by changing the saturation by 10% instead.


 41.0749, 35.1834,
30.6128


 41.0749, 35.1834,
30.6128


341.6908,
325.3771, 319.0463

 28.5655, 23.8042,
20.0482


 76.0716, 67.7698,
61.7024

 18.8950, 15.1884,
12.2457


 99.2896, 89.7457,
83.0644

 11.6980, 8.9517,
6.7866


 126.8079,
116.0227, 108.8627

 6.6091, 4.7097,
3.2526

158.9918,
146.9852, 139.5157

 3.2630, 2.0780,
1.2250

196.2067,
183.0174, 175.4420

 1.2943, 0.6522,
0.0000

238.8179,

 0.1790, 0.0000,

224.5039, 217.0602

0.0000

287.1908,
271.8290, 264.7888

■ 0.0000, 0.0000,
0.0000

■ 41.0749, 35.1834,
30.6128

■ 41.0749, 35.1834,
30.6128

■ 36.7863, 28.9083,
22.0862

■ 46.2448, 42.7487,
40.8891

■ 33.3273, 23.8467,
15.2100

■ 52.3383, 51.6652,
53.0028

■ 30.6450, 19.9217,
9.8780

■ 59.3983, 61.9960,
67.0382

■ 28.6796, 17.0456,
5.9710

■ 67.4645, 73.7990,
83.0737

■ 27.3622, 15.1177,
3.3523

■ 76.5740, 87.1287,
101.1834

■ 26.6106, 14.0179,
1.8585

■ 80.1046, 92.2953,
108.2006

■ 26.2947, 13.5556,
1.2306

Harmonies

Analogous

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



41.6414, 35.1834, 41.4118



41.0749, 35.1834, 30.6128



38.3847, 35.1834, 23.4386

Triad

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



41.0749, 35.1834, 30.6128



27.7379, 35.1834, 26.3219



32.3964, 35.1834, 64.4932

Complementary

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



41.0749, 35.1834, 30.6128



45.6360, 56.0422, 68.7337

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.



28.9407, 35.1834, 58.4237



41.0749, 35.1834, 30.6128



26.3943, 35.1834, 35.3647

Square

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



41.0749, 35.1834, 30.6128



30.6329, 35.1834, 21.3269



26.8165, 35.1834, 47.1972



36.4152, 35.1834, 62.5210

Rectangle

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



41.0749, 35.1834, 30.6128



35.8575, 35.1834, 20.9554



26.8165, 35.1834, 47.1972



31.1352, 35.1834, 63.2894

Sweetspot

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



41.0758, 35.1851, 30.6135



84.6837, 84.8313, 88.2919



47.6258, 37.8041, 65.1085



17.7929, 17.6702, 18.2363



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.



41.0758, 35.1851, 30.6135



59.6652, 48.2221, 38.5560



46.7780, 46.5895, 32.5142



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



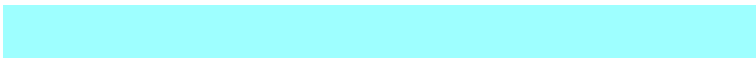
0.9065, 0.4674, 0.0424

Inverse Universe

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



45.6360, 56.0422, 68.7337



67.9282, 86.0152, 107.6301



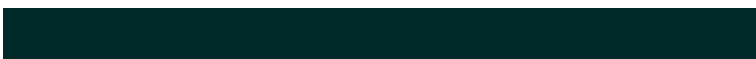
38.3620, 41.4941, 66.3090



12.1584, 13.4070, 15.1906



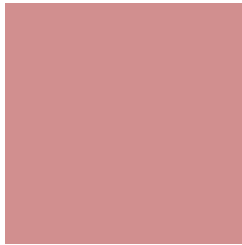
21.1519, 30.9505, 42.0517



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 41.0749, 35.1834, 30.6128 looks on a white background.

Color Contrast Check

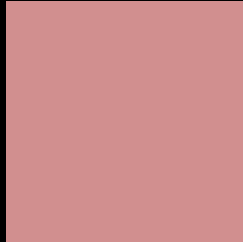
Large Text (above 18pt) WCAG AA × Fail

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 41.0749, 35.1834, 30.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

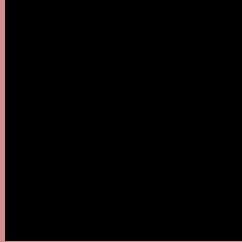
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0749, 35.1834, 30.6128

Background



This preview shows how black text looks on a background with the XYZ color 41.0749, 35.1834, 30.6128.



This preview shows how white text looks on a background with the XYZ color 41.0749, 35.1834,

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

41.0749, 35.1834, 30.6128

Protanopia

33.7554, 35.4079, 34.7611

Deuteranopia

36.0575, 35.4331, 30.1381



Tritanopia

41.9188, 35.3146, 34.3128

Trichromacy



Original Color

41.0749, 35.1834, 30.6128

Protanomaly

36.0365, 35.1049, 33.3104

Deuteranomaly

37.6873, 35.2927, 30.4170

Tritanomaly

41.6762, 35.2176, 33.0349

Monochromacy



Original Color

41.0749, 35.1834, 30.6128

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7116, 35.8805, 36.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0749, 35.1834, 30.6128 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, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 143, 143)  
}
```

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, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.0749, 35.1834, 30.6128 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, 143, 143) }
```


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

```
.border{ border-color:rgb(209, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(209, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0749, 35.1834, 30.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 143, 143) }
```

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

```
.background{ background-color: rgb(209,  
143, 143) }
```

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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