

Converting Colors

XYZ(40.9532, 35.7676, 31.3660)

Have a look what the booklet for
XYZ(40.9532, 35.7676, 31.3660)
contains.

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Color

**XYZ(41.1218, 35.8675,
31.5438)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9291
RGB	207, 146, 145
RGB Percent	81%, 57%, 57%
CMY	0.1882, 0.4274, 0.4314
CMYK	0.00, 0.29, 0.30, 0.19
HSL	1°, 39%, 69%
HSV	1°, 30%, 81%
XYZ	41.1218, 35.8675, 31.5438
YIQ	164.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

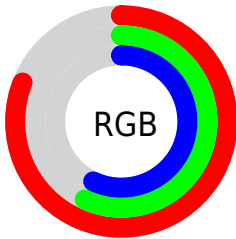
Format	Color
R _Y B	207, 146, 145
Decimal	13603473
CIE Lab	66.42, 22.91, 9.76
CIE LCh	66, 24.906, 23.081
Yxy	35.8675, 0.3789, 0.3305
Android (android.graphics.Color)	4291793553 (0xFFCF9291)
YUV	164.1250, -9.4286, 37.6014
Hunter-Lab	59.8895, 17.7565, 10.6946

Details

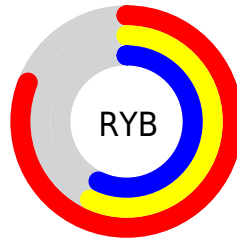
The XYZ color **41.1218, 35.8675, 31.5438** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0100, 54.6653, 67.2107**, and the grayscale version is **35.3782, 37.2206, 40.5332**.

A 20% lighter version of the original color is **72.2031, 66.6921, 63.1002**, and **18.9203, 15.5900, 12.8384** is the 20% darker color. If you saturate the color by 10%, you get **36.8043, 29.5583, 22.9343**, and if you desaturate by 10%, it is **46.2913, 43.4148, 41.8728**.

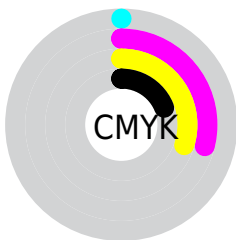
Distribution



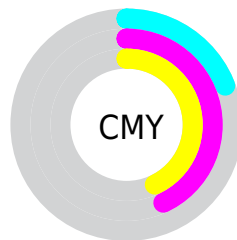
- Red (81%)
- Green (57%)
- Blue (57%)



- Red (81%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1218, 35.8675, 31.5438 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 41.1218, 35.8675, 31.5438 by changing the saturation by 10% instead.


 41.1218, 35.8675,
31.5438


 41.1218, 35.8675,
31.5438


341.8833,
328.3810, 323.4643

 28.6024, 24.3319,
20.7514


 76.1423, 68.8275,
63.1848

 18.9230, 15.5800,
12.7529


 99.3741, 91.0207,
84.8704

 11.7183, 9.2274,
7.1299


126.9073,
117.5352, 111.0242

 6.6230, 4.8898,
3.4638

159.1074,
148.7554, 142.0647

 3.2717, 2.1828,
1.3361

196.3397,
185.0656, 178.4104

 1.2990, 0.7106,
0.0911

238.9695,

 0.1825, 0.0000,

226.8504, 220.4799

0.0000

287.3623,
274.4941, 268.6917

■ 0.0000, 0.0000,
0.0000

■ 41.1218, 35.8675,
31.5438

■ 41.1218, 35.8675,
31.5438

■ 36.8043, 29.5583,
22.9343

■ 46.2913, 43.4148,
41.8728

■ 33.2903, 24.4163,
15.9489

■ 52.3519, 52.2558,
54.0054

■ 30.5312, 20.3715,
10.4865

■ 59.3439, 62.4492,
68.0224

■ 28.4715, 17.3442,
6.4335

■ 67.3043, 74.0482,
83.9995

■ 27.0487, 15.2440,
3.6607

■ 76.2680, 87.1034,
102.0079

■ 26.1885, 13.9646,
2.0150

■ 79.5421, 92.0054,
108.1742

■ 25.7702, 13.3406,
1.2197

■ 25.7685, 13.3382,
1.2164

Harmonies

Analogous

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



41.7158, 35.8675, 41.5800



41.1218, 35.8675, 31.5438



38.5820, 35.8675, 24.8293

Triad

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



41.1218, 35.8675, 31.5438



28.6738, 35.8675, 27.9717



33.2345, 35.8675, 63.1916

Complementary

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



41.1218, 35.8675, 31.5438



45.0100, 54.6653, 67.2107

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.



29.9628, 35.8675, 57.8789



41.1218, 35.8675, 31.5438



27.4569, 35.8675, 36.6317

Square

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



41.1218, 35.8675, 31.5438



31.3566, 35.8675, 23.0448



27.9110, 35.8675, 47.6697



36.9799, 35.8675, 61.1545

Rectangle

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



41.1218, 35.8675, 31.5438



36.2205, 35.8675, 22.5177



27.9110, 35.8675, 47.6697



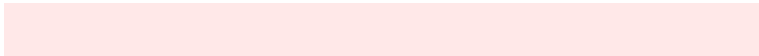
32.0466, 35.8675, 62.1782

Sweetspot

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



41.1228, 35.8692, 31.5445



84.7881, 85.0400, 88.3267



47.1202, 38.0215, 63.8869



17.8183, 17.7210, 18.2447



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.



41.1228, 35.8692, 31.5445



61.2676, 50.7091, 41.3030



46.3685, 46.3606, 33.2931



11.8239, 11.8384, 12.2739



16.2420, 8.4170, 0.7686



0.9137, 0.4817, 0.0448

Inverse Universe

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



45.0100, 54.6653, 67.2107



68.4826, 85.6025, 107.5213



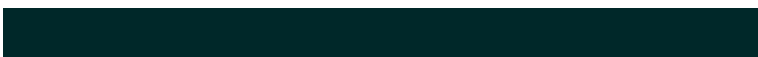
38.4652, 41.5757, 65.0291



12.1413, 13.3728, 15.1850



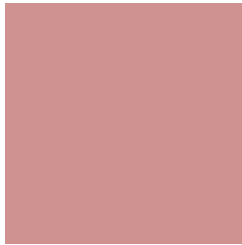
20.6547, 29.9560, 41.8860



1.1602, 1.6857, 2.3438

Previews

White Background



This preview shows how the XYZ color 41.1218, 35.8675, 31.5438 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 41.1218, 35.8675, 31.5438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

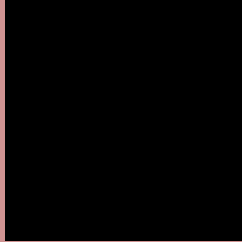
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1218, 35.8675, 31.5438

Background



This preview shows how black text looks on a background with the XYZ color 41.1218, 35.8675, 31.5438.



This preview shows how white text looks on a background with the XYZ color 41.1218, 35.8675,

31.5438.

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

41.1218, 35.8675, 31.5438

Protanopia

34.4310, 36.0051, 35.2720

Deuteranopia

36.6136, 35.9505, 30.9960



Tritanopia

41.9021, 35.7230, 35.6971

Trichromacy



Original Color

41.1218, 35.8675, 31.5438

Protanomaly

36.6849, 35.9240, 33.8547

Deuteranomaly

38.0005, 35.6766, 31.2690

Tritanomaly

41.7237, 35.8951, 34.0075

Monochromacy



Original Color

41.1218, 35.8675, 31.5438

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.9652, 36.2516, 36.9473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1218, 35.8675, 31.5438 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(207, 146, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 146, 145)  
}
```

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(207, 146, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 146, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.1218, 35.8675, 31.5438 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(207, 146, 145) }
```


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

```
.border{ border-color:rgb(207, 146, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 146, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 146, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 146, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 146,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1218, 35.8675, 31.5438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 146, 145) }
```

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

```
.background{ background-color: rgb(207,  
146, 145) }
```

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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