

Converting Colors

XYZ(37.4917, 34.3432, 27.6906)

Have a look what the booklet for
XYZ(37.4917, 34.3432, 27.6906)
contains.

XYZ(37.5718, 34.3525, 27.5721)	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(37.5718, 34.3525,
27.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	C49387
RGB	196, 147, 135
RGB Percent	77%, 58%, 53%
CMY	0.2314, 0.4235, 0.4706
CMYK	0.00, 0.25, 0.31, 0.23
HSL	12°, 34%, 65%
HSV	12°, 31%, 77%
XYZ	37.5718, 34.3525, 27.5721
YIQ	160.2830, 33.0560, 6.6560

Conversions

Conversions Part 2

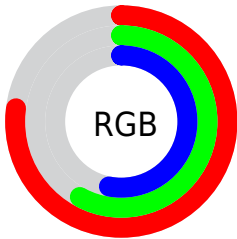
Format	Color
R_{YB}	196, 150, 135
Decimal	12882823
CIE _{Lab}	65.24, 16.78, 13.54
CIE _{LCh}	65, 21.557, 38.908
Yxy	34.3525, 0.3776, 0.3453
Android (android.graphics.Color)	4291072903 (0xFFC49387)
YUV	160.2830, -12.4645, 31.3238
Hunter-Lab	58.6110, 11.8558, 13.1362

Details

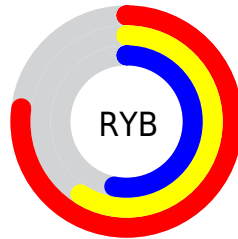
The XYZ color **37.5718, 34.3525, 27.5721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0953, 43.4157, 58.6494**, and the grayscale version is **33.5900, 35.3393, 38.4845**.

A 20% lighter version of the original color is **70.8368, 66.4750, 56.6744**, and **16.8071, 14.6843, 10.5429** is the 20% darker color. If you saturate the color by 10%, you get **34.0342, 29.2860, 20.1999**, and if you desaturate by 10%, it is **41.7004, 40.1939, 36.3954**.

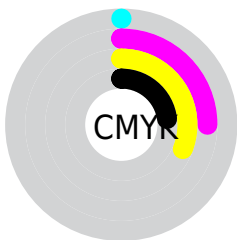
Distribution



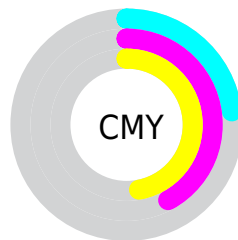
- Red (77%)
- Green (58%)
- Blue (53%)



- Red (77%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5718, 34.3525, 27.5721 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 37.5718, 34.3525, 27.5721 by changing the saturation by 10% instead.

 37.5718, 34.3525,
27.5721


 37.5718, 34.3525,
27.5721

327.0922,
321.7010, 304.2639


 25.8262, 23.1645,
17.7671

 70.7595, 66.4815,
56.8154

 16.8257, 14.7150,
10.6152


 92.9323, 88.1912,
77.0908

 10.2048, 8.6196,
5.6978


 119.3116,
114.1771, 101.6934

 5.5983, 4.4939,
2.5964

150.2627,
144.8234, 131.0418

 2.6407, 1.9535,
0.8906

186.1509,
180.5145, 165.5545

 0.9667, 0.5803,
0.0000

227.3417,

 0.0000, 0.0000,

221.6349, 205.6501

0.0000

274.2003,
268.5689, 251.7470

■ 37.5718, 34.3525,
27.5721

■ 37.5718, 34.3525,
27.5721

■ 34.0342, 29.2860,
20.1999

■ 41.7004, 40.1939,
36.3954

■ 31.0572, 24.9569,
14.1987

■ 46.4428, 46.8361,
46.7397

■ 28.6122, 21.3319,
9.4836

■ 51.8241, 54.3096,
58.6733

■ 26.6665, 18.3731,
5.9598

■ 57.8670, 62.6419,
72.2592

■ 25.1836, 16.0389,
3.5188

■ 64.5932, 71.8593,
87.5574

■ 24.1219, 14.2827,
2.0324

■ 72.0234, 81.9869,
104.6246

■ 23.4764, 13.1588,
1.3026

■ 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



38.9781, 34.3525, 34.7932



37.5718, 34.3525, 27.5721



34.8695, 34.3525, 23.4942

Triad

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



37.5718, 34.3525, 27.5721



27.3419, 34.3525, 31.5270



33.5937, 34.3525, 57.1912

Complementary

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



37.5718, 34.3525, 27.5721



37.0953, 43.4157, 58.6494

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.



30.5287, 34.3525, 55.9412



37.5718, 34.3525, 27.5721



27.0486, 34.3525, 40.1424

Square

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



37.5718, 34.3525, 27.5721



29.0082, 34.3525, 25.5105



28.1798, 34.3525, 49.3329



36.5867, 34.3525, 52.5164

Rectangle

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



37.5718, 34.3525, 27.5721



32.7661, 34.3525, 22.6580



28.1798, 34.3525, 49.3329



32.5362, 34.3525, 57.4639

Sweetspot

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



37.5727, 34.3541, 27.5728



85.9714, 87.4066, 88.7212



40.1667, 32.5591, 49.9651



18.1070, 18.2985, 18.3410



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.



37.5727, 34.3541, 27.5728



63.8059, 56.1483, 41.0314



42.7979, 44.8045, 29.3145



10.2301, 10.3917, 10.5285



15.1337, 8.5531, 0.8533



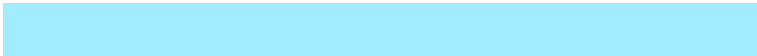
0.7028, 0.4674, 0.0532

Inverse Universe

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



37.0953, 43.4157, 58.6494



62.7977, 75.0011, 105.7746



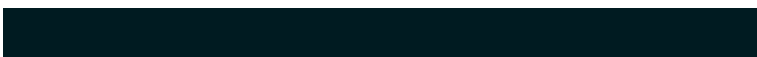
31.5637, 32.3526, 56.8056



10.1947, 11.0807, 12.8863



14.2571, 18.2707, 36.3318



0.6600, 0.8775, 1.5845

Previews

White Background



This preview shows how the XYZ color 37.5718, 34.3525, 27.5721 looks on a white background.

Color Contrast Check

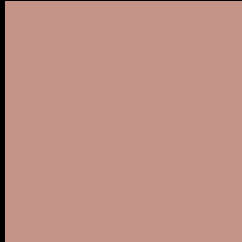
Large Text (above 18pt) WCAG AA × Fail

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 37.5718, 34.3525, 27.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

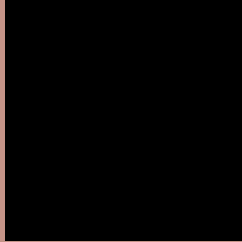
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5718, 34.3525, 27.5721

Background



This preview shows how black text looks on a background with the XYZ color 37.5718, 34.3525, 27.5721.



This preview shows how white text looks on a background with the XYZ color 37.5718, 34.3525,

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

37.5718, 34.3525, 27.5721

Protanopia

32.7605, 34.4838, 30.1287

Deuteranopia

35.2227, 34.5710, 27.3707



Tritanopia

39.1784, 34.3188, 35.5696

Trichromacy



Original Color

37.5718, 34.3525, 27.5721

Protanomaly

34.3473, 34.3224, 29.2407

Deuteranomaly

36.1087, 34.5458, 27.3191

Tritanomaly

38.4967, 34.2592, 32.6007

Monochromacy



Original Color

37.5718, 34.3525, 27.5721

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.5408, 34.5613, 34.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5718, 34.3525, 27.5721 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(196, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 135)  
}
```

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(196, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 37.5718, 34.3525, 27.5721 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(196, 147, 135) }
```


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

```
.border{ border-color:rgb(196, 147, 135) }
```

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

Here you see how a box with a 4 pixel rgb(196, 147, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5718, 34.3525, 27.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 135) }
```

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

```
.background{ background-color: rgb(196,  
147, 135) }
```

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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