

Converting Colors

XYZ(35.1431, 41.0474, 37.9690)

Have a look what the booklet for
XYZ(35.1431, 41.0474, 37.9690)
contains.

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Color

**XYZ(35.1431, 41.0474,
37.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	99B29D
RGB	153, 178, 157
RGB Percent	60%, 70%, 62%
CMY	0.4000, 0.3019, 0.3843
CMYK	0.14, 0.00, 0.12, 0.30
HSL	130°, 14%, 65%
HSV	130°, 14%, 70%
XYZ	35.1431, 41.0474, 37.9690
YIQ	168.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

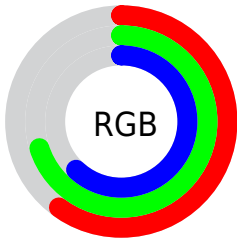
Format	Color
RYB	153, 175, 178
Decimal	10072733
CIELab	70.21, -12.72, 7.86
CIElCh	70, 14.955, 148.278
Yxy	41.0474, 0.3078, 0.3596
Android (android.graphics.Color)	4288262813 (0xFF99B29D)
YUV	168.1310, -5.4876, -13.2699
Hunter-Lab	64.0682, -14.2075, 9.7105

Details

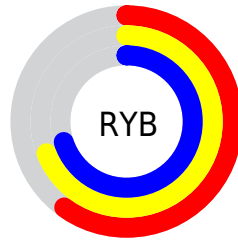
The XYZ color **35.1431, 41.0474, 37.9690** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3928, 35.3045, 44.8900**, and the grayscale version is **37.3137, 39.2569, 42.7508**.

A 20% lighter version of the original color is **67.0386, 76.8645, 73.5904**, and **15.4146, 18.5326, 16.4004** is the 20% darker color. If you saturate the color by 10%, you get **30.8314, 38.9644, 31.5063**, and if you desaturate by 10%, it is **40.1146, 43.4548, 45.2799**.

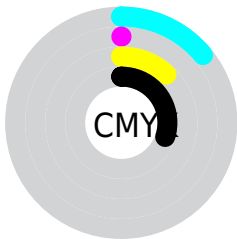
Distribution



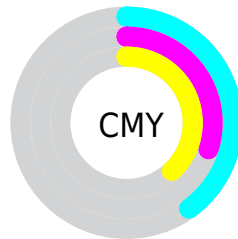
- Red (60%)
- Green (70%)
- Blue (62%)



- Red (60%)
- Yellow (69%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1431, 41.0474, 37.9690 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 35.1431, 41.0474, 37.9690 by changing the saturation by 10% instead.

■ 35.1431, 41.0474,
37.9690

■ 35.1431, 41.0474,
37.9690

316.6965,
350.5187, 352.7812

■ 23.9402, 28.3561,
25.6570

■ 67.0400, 76.7558,
73.2635

■ 15.4137, 18.5943,
16.3437

■ 88.4646, 100.5418,
97.0831

■ 9.1985, 11.3775,
9.6107

114.0271,
128.7948, 125.5756

■ 4.9290, 6.3213,
5.0394

144.0930,
161.8992, 159.1596

■ 2.2400, 3.0414,
2.2113

179.0275,
200.2393, 198.2536

■ 0.7637, 1.1534,
0.6809

219.1960,

■ 0.0000, 0.0232,

244.1997, 243.2762

0.0000

264.9639,
294.1647, 294.6459

■ 0.0000, 0.0000,
0.0000

■ 35.1431, 41.0474,
37.9690

■ 35.1431, 41.0474,
37.9690

■ 30.8314, 38.9644,
31.5063

■ 40.1146, 43.4548,
45.2799

■ 27.1483, 37.1869,
25.8585

■ 45.7685, 46.1942,
53.4654

■ 24.0652, 35.7020,
20.9940

■ 52.1307, 49.2794,
62.5541

■ 21.5500, 34.4938,
16.8782

■ 59.2245, 52.7220,
72.5723

■ 19.5676, 33.5451,
13.4738

■ 67.0723, 56.5330,
83.5455

■ 18.0786, 32.8365,
10.7405

■ 73.9060, 59.8003,
95.4142

■ 17.0384, 32.3458,
8.6337

■ 75.2112, 60.3223,
102.2871

■ 16.3939, 32.0467,
7.1034

■ 16.1365, 31.9285,
6.4412

Harmonies

Analogous

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



36.8250, 41.0474, 33.8347



35.1431, 41.0474, 37.9690



34.4928, 41.0474, 44.2895

Triad

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



35.1431, 41.0474, 37.9690



38.8730, 41.0474, 59.5797



43.3114, 41.0474, 38.6022

Complementary

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



35.1431, 41.0474, 37.9690



37.3928, 35.3045, 44.8900

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.



43.9147, 41.0474, 45.1002



35.1431, 41.0474, 37.9690



41.2888, 41.0474, 57.6580

Square

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



35.1431, 41.0474, 37.9690



36.5896, 41.0474, 57.1790



43.1599, 41.0474, 52.1688



41.5439, 41.0474, 34.1725

Rectangle

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



35.1431, 41.0474, 37.9690



34.7102, 41.0474, 49.0596



43.1599, 41.0474, 52.1688



43.6603, 41.0474, 40.5947

Sweetspot

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



35.1442, 41.0491, 37.9699



72.7196, 78.7881, 82.0759



39.1831, 43.1701, 36.4051



15.9522, 17.3786, 17.9521



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1442, 41.0491, 37.9699



61.0602, 73.1460, 64.8800



36.2435, 41.4889, 43.7587



8.4426, 9.5115, 9.3244



11.5611, 22.8504, 4.6917



0.3808, 0.7258, 0.2372

Inverse Universe

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



37.3928, 35.3045, 44.8900



65.9686, 60.6048, 79.9847



36.2520, 34.8482, 38.8828



8.7905, 8.6229, 10.3950



17.0676, 8.3446, 21.3139



0.5526, 0.2688, 0.7528

Previews

White Background



This preview shows how the XYZ color 35.1431, 41.0474, 37.9690 looks on a white background.

Color Contrast Check

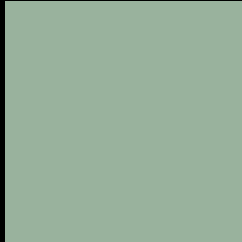
Large Text (above 18pt) WCAG AA × Fail

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 35.1431, 41.0474, 37.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

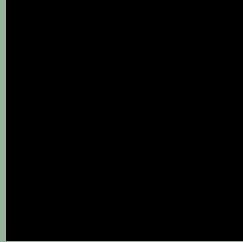
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1431, 41.0474, 37.9690

Background



This preview shows how black text looks on a background with the XYZ color 35.1431, 41.0474, 37.9690.



This preview shows how white text looks on a background with the XYZ color 35.1431, 41.0474,

37.9690.

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

35.1431, 41.0474, 37.9690

Protanopia

38.9031, 41.0094, 36.0022

Deuteranopia

41.5385, 40.6548, 38.9156



Tritanopia

38.2062, 41.1291, 52.9387

Trichromacy



Original Color

35.1431, 41.0474, 37.9690

Protanomaly

37.5464, 41.1512, 36.5359

Deuteranomaly

38.9928, 40.7176, 38.6050

Tritanomaly

36.8767, 40.8625, 47.0179

Monochromacy



Original Color

35.1431, 41.0474, 37.9690

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5576, 39.9719, 40.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1431, 41.0474, 37.9690 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(153, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 178, 157)  
}
```

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(153, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 178, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.1431, 41.0474, 37.9690 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(153, 178, 157) }
```


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

```
.border{ border-color:rgb(153, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 178,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1431, 41.0474, 37.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 178, 157) }
```

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

```
.background{ background-color: rgb(153,  
178, 157) }
```

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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