

Converting Colors

XYZ(35.5181, 40.2904, 28.0951)

Have a look what the booklet for
XYZ(35.5181, 40.2904, 28.0951)
contains.

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Color

**XYZ(35.5181, 40.2904,
28.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AE85
RGB	168, 174, 133
RGB Percent	66%, 68%, 52%
CMY	0.3412, 0.3176, 0.4784
CMYK	0.03, 0.00, 0.24, 0.32
HSL	69°, 20%, 60%
HSV	69°, 24%, 68%
XYZ	35.5181, 40.2904, 28.0951
YIQ	167.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

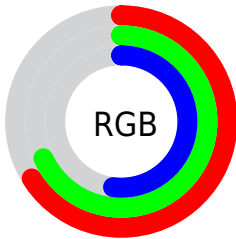
Format	Color
RYB	133, 174, 139
Decimal	11054725
CIELab	69.68, -9.15, 20.39
CIELCh	70, 22.349, 114.169
Yxy	40.2904, 0.3418, 0.3878
Android (android.graphics.Color)	4289244805 (0xFFA8AE85)
YUV	167.5320, -17.0243, 0.4104
Hunter-Lab	63.4747, -11.1988, 18.1894

Details

The XYZ color **35.5181, 40.2904, 28.0951** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.6766, 25.3211, 43.5281**, and the grayscale version is **37.0684, 38.9989, 42.4698**.

A 20% lighter version of the original color is **67.3137, 75.2718, 57.4355**, and **15.7233, 18.2566, 10.8788** is the 20% darker color. If you saturate the color by 10%, you get **33.8774, 39.5734, 22.2545**, and if you desaturate by 10%, it is **37.3707, 41.0961, 34.9869**.

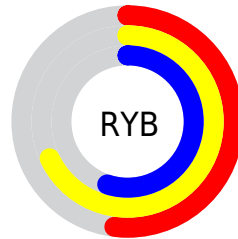
Distribution



Red (66%)

Green (68%)

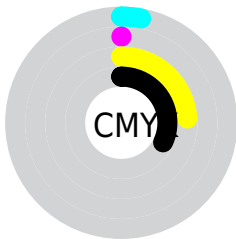
Blue (52%)



Red (52%)

Yellow (68%)

Blue (55%)

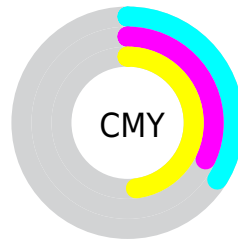


Cyan (3%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (34%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5181, 40.2904, 28.0951 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 35.5181, 40.2904, 28.0951 by changing the saturation by 10% instead.

■ 35.5181, 40.2904,
28.0951

■ 35.5181, 40.2904,
28.0951

318.3174,
347.3460, 306.8473

■ 24.2306, 27.7650,
18.1577

■ 67.6164, 75.6055,
57.6612

■ 15.6304, 18.1486,
10.8927

■ 89.1579, 99.1641,
78.1269

■ 9.3522, 11.0567,
5.8814

■ 114.8481,
127.1691, 102.9392

■ 5.0306, 6.1050,
2.7055

145.0524,
160.0051, 132.5165

■ 2.3002, 2.9090,
0.9462

180.1361,
198.0564, 167.2774

■ 0.7947, 1.0844,
0.0000

220.4646,

■ 0.0000, 0.0000,

241.7074, 207.6405

0.0000

266.4033,
291.3425, 254.0243

■ 35.5181, 40.2904,
28.0951

■ 35.5181, 40.2904,
28.0951

■ 33.8774, 39.5734,
22.2545

■ 37.3707, 41.0961,
34.9869

■ 32.4356, 38.9359,
17.4108

■ 39.4413, 41.9888,
42.9752

■ 31.1831, 38.3753,
13.5090

■ 41.7395, 42.9739,
52.1062

■ 30.1081, 37.8868,
10.4874

■ 44.2735, 44.0545,
62.4223

■ 29.1976, 37.4654,
8.2774

■ 47.0509, 45.2338,
73.9639

■ 28.4363, 37.1049,
6.7998

■ 50.0793, 46.5146,
86.7695

■ 27.8063, 36.7980,
5.9599

■ 53.3655, 47.8999,
100.8759

■ 27.4447, 36.6187,
5.6216

■ 54.0208, 48.2341,
101.0707

■ 54.6558, 48.5615,
101.1004

Harmonies

Analogous

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



39.0055, 40.2904, 26.8924



35.5181, 40.2904, 28.0951



32.9300, 40.2904, 33.2149

Triad

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



35.5181, 40.2904, 28.0951



34.3672, 40.2904, 62.0743



45.6363, 40.2904, 45.9235

Complementary

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



35.5181, 40.2904, 28.0951



26.6766, 25.3211, 43.5281

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.



44.2128, 40.2904, 56.5886



35.5181, 40.2904, 28.0951



37.5928, 40.2904, 66.8095

Square

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



35.5181, 40.2904, 28.0951



32.2954, 40.2904, 52.5375



41.2126, 40.2904, 64.6589



44.9947, 40.2904, 36.2113

Rectangle

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



35.5181, 40.2904, 28.0951



31.9877, 40.2904, 38.6586



41.2126, 40.2904, 64.6589



45.3808, 40.2904, 49.5286

Sweetspot

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



35.5191, 40.2922, 28.0960



70.1554, 75.5643, 72.5575



30.8462, 29.0044, 26.1635



15.5438, 16.7739, 15.9372



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.5191, 40.2922, 28.0960



62.9098, 72.4204, 45.5032



31.5899, 38.2666, 27.9121



8.5457, 9.2699, 8.5522



19.9435, 26.5783, 4.0790



0.5856, 0.7553, 0.1149

Inverse Universe

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



26.6766, 25.3211, 43.5281



44.1967, 40.7325, 78.1696



30.3203, 27.1995, 43.6987



7.6840, 7.8114, 10.0555



5.8729, 2.3875, 29.1958



0.1962, 0.0833, 0.8137

Previews

White Background



This preview shows how the XYZ color 35.5181, 40.2904, 28.0951 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 35.5181, 40.2904, 28.0951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

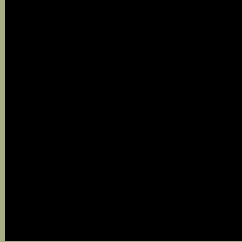
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

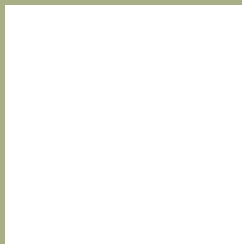
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5181, 40.2904, 28.0951

Background



This preview shows how black text looks on a background with the XYZ color 35.5181, 40.2904, 28.0951.



This preview shows how white text looks on a background with the XYZ color 35.5181, 40.2904,

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

35.5181, 40.2904, 28.0951

Protanopia

37.7629, 40.3332, 27.2675

Deuteranopia

40.7591, 39.9494, 28.4844



Tritanopia

39.7987, 40.3401, 49.4049

Trichromacy



Original Color

35.5181, 40.2904, 28.0951

Protanomaly

36.8592, 40.1389, 27.6347

Deuteranomaly

38.6153, 39.9235, 28.2250

Tritanomaly

38.0888, 40.2004, 40.8739

Monochromacy



Original Color

35.5181, 40.2904, 28.0951

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4396, 39.4408, 36.7026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5181, 40.2904, 28.0951 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(168, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 174, 133)  
}
```

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(168, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 174, 133) }
```

Border

The CSS property to change the border of an element to XYZ 35.5181, 40.2904, 28.0951 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(168, 174, 133) }
```


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

```
.border{ border-color:rgb(168, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 174,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5181, 40.2904, 28.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 174, 133) }
```

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

```
.background{ background-color: rgb(168,  
174, 133) }
```

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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