

Converting Colors

XYZ(36.3581, 41.0428, 30.9138)

Have a look what the booklet for
XYZ(36.3581, 41.0428, 30.9138)
contains.

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Color

**XYZ(36.2120, 40.8782,
30.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AF8C
RGB	168, 175, 140
RGB Percent	66%, 69%, 55%
CMY	0.3412, 0.3137, 0.4510
CMYK	0.04, 0.00, 0.20, 0.31
HSL	72°, 18%, 62%
HSV	72°, 20%, 69%
XYZ	36.2120, 40.8782, 30.7927
YIQ	168.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

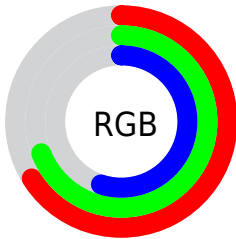
Format	Color
RYB	140, 175, 147
Decimal	11054988
CIELab	70.09, -8.61, 17.15
CIELCh	70, 19.192, 116.647
Yxy	40.8782, 0.3357, 0.3789
Android (android.graphics.Color)	4289245068 (0xFFA8AF8C)
YUV	168.9170, -14.2561, -0.8042
Hunter-Lab	63.9361, -10.7896, 16.2002

Details

The XYZ color **36.2120, 40.8782, 30.7927** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.1503, 28.0555, 44.4386**, and the grayscale version is **37.7377, 39.7030, 43.2366**.

A 20% lighter version of the original color is **68.7449, 76.7348, 62.2270**, and **16.1309, 18.6171, 12.4161** is the 20% darker color. If you saturate the color by 10%, you get **34.2877, 40.0249, 24.4940**, and if you desaturate by 10%, it is **38.3638, 41.8276, 38.1750**.

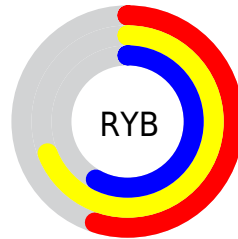
Distribution



Red (66%)

Green (69%)

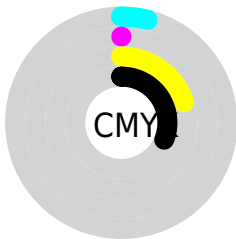
Blue (55%)



Red (55%)

Yellow (69%)

Blue (58%)

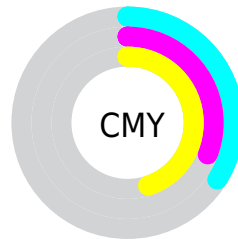


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (34%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2120, 40.8782, 30.7927 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 36.2120, 40.8782, 30.7927 by changing the saturation by 10% instead.

■ 36.2120, 40.8782,
30.7927

■ 36.2120, 40.8782,
30.7927

321.3013,
349.8113, 319.9037

■ 24.7688, 28.2239,
20.1839

■ 68.6809, 76.4990,
61.9893

■ 16.0327, 18.4945,
12.3434

■ 90.4373, 100.2342,
83.4142

■ 9.6383, 11.3056,
6.8526

■ 116.3622,
128.4320, 109.2815

■ 5.2202, 6.2728,
3.2931

146.8210,
161.4766, 140.0098

■ 2.4131, 3.0117,
1.2461

182.1789,
199.7524, 176.0177

■ 0.8517, 1.1378,
0.0170

222.8014,

■ 0.0000, 0.0100,

243.6439, 217.7236

0.0000

269.0537,
293.5354, 265.5461

■ 0.0000, 0.0000,
0.0000

■ 36.2120, 40.8782,
30.7927

■ 36.2120, 40.8782,
30.7927

■ 34.2877, 40.0249,
24.4940

■ 38.3638, 41.8276,
38.1750

■ 32.5779, 39.2583,
19.2254

■ 40.7490, 42.8713,
46.6860

■ 31.0730, 38.5759,
14.9326

■ 43.3775, 44.0147,
56.3713

■ 29.7614, 37.9732,
11.5553

■ 46.2573, 45.2610,
67.2732

■ 28.6302, 37.4448,
9.0267

■ 49.3963, 46.6133,
79.4320

■ 27.6649, 36.9850,
7.2708

■ 52.8020, 48.0747,
92.8860

■ 26.8482, 36.5869,
6.1979

■ 55.2492, 49.1552,
101.1837

■ 26.1437, 36.2359,
5.6163

■ 56.1497, 49.6194,
101.2258

■ 57.0714, 50.0946,
101.2690

Harmonies

Analogous

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



39.2072, 40.8782, 29.4028



36.2120, 40.8782, 30.7927



34.0323, 40.8782, 35.6759

Triad

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



36.2120, 40.8782, 30.7927



35.6324, 40.8782, 60.5446



45.1877, 40.8782, 45.5269

Complementary

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



36.2120, 40.8782, 30.7927



29.1503, 28.0555, 44.4386

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.



44.1098, 40.8782, 54.6925



36.2120, 40.8782, 30.7927



38.5020, 40.8782, 64.0655

Square

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



36.2120, 40.8782, 30.7927



33.7106, 40.8782, 52.7104



41.6204, 40.8782, 61.7928



44.4946, 40.8782, 37.2065

Rectangle

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



36.2120, 40.8782, 30.7927



33.2782, 40.8782, 40.6399



41.6204, 40.8782, 61.7928



45.0191, 40.8782, 48.6170

Sweetspot

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



36.2131, 40.8800, 30.7936



70.3183, 75.6152, 74.0616



32.8480, 31.8761, 29.2330



15.5697, 16.7803, 16.2504



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.



36.2131, 40.8800, 30.7936



63.2821, 72.5146, 49.9343



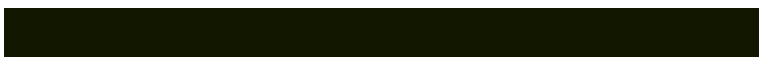
32.7349, 39.0869, 30.6308



8.5033, 9.2481, 8.5502



18.7719, 25.9744, 4.0242



0.5616, 0.7429, 0.1138

Inverse Universe

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



29.1503, 28.0555, 44.4386



48.3219, 45.3462, 78.8427



32.5306, 29.7982, 44.5968



7.7230, 7.8315, 10.0573



6.0798, 2.4941, 29.2055



0.2116, 0.0913, 0.8145

Previews

White Background



This preview shows how the XYZ color 36.2120, 40.8782, 30.7927 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 36.2120, 40.8782, 30.7927 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

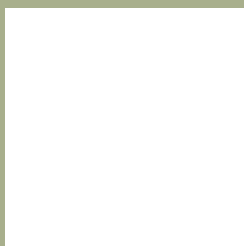
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2120, 40.8782, 30.7927

Background



This preview shows how black text looks on a background with the XYZ color 36.2120, 40.8782, 30.7927.



This preview shows how white text looks on a background with the XYZ color 36.2120, 40.8782,

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

36.2120, 40.8782, 30.7927

Protanopia

38.4418, 40.9059, 29.9143

Deuteranopia

41.6263, 40.8690, 31.2858



Tritanopia

40.1908, 40.7935, 50.5554

Trichromacy



Original Color

36.2120, 40.8782, 30.7927

Protanomaly

37.5442, 40.7162, 30.3063

Deuteranomaly

39.4892, 40.8638, 31.0055

Tritanomaly

38.5512, 40.6865, 42.3806

Monochromacy



Original Color

36.2120, 40.8782, 30.7927

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0967, 40.0295, 38.1190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2120, 40.8782, 30.7927 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, 175, 140)` looks like.

```
.text, #text, p{  
    color:rgb(168, 175, 140)  
}
```

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, 175, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 175, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.2120, 40.8782, 30.7927 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, 175, 140) }
```


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

```
.border{ border-color:rgb(168, 175, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 175, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 175, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 175, 140);  
box-shadow:4px 4px 4px 4px rgb(168, 175,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2120, 40.8782, 30.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 175, 140) }
```

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

```
.background{ background-color: rgb(168,  
175, 140) }
```

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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