

Converting Colors

XYZ(34.6107, 41.2452, 30.1848)

Have a look what the booklet for
XYZ(34.6107, 41.2452, 30.1848)
contains.

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Color

**XYZ(34.6122, 41.2433,
30.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB38A
RGB	157, 179, 138
RGB Percent	62%, 70%, 54%
CMY	0.3843, 0.2980, 0.4588
CMYK	0.12, 0.00, 0.23, 0.30
HSL	92°, 21%, 62%
HSV	92°, 23%, 70%
XYZ	34.6122, 41.2433, 30.1812
YIQ	167.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

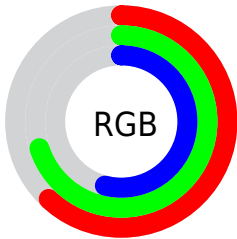
Format	Color
RYB	138, 179, 160
Decimal	10335114
CIELab	70.35, -15.13, 18.47
CIElCh	70, 23.874, 129.320
Yxy	41.2433, 0.3264, 0.3890
Android (android.graphics.Color)	4288525194 (0xFF9DB38A)
YUV	167.7480, -14.6658, -9.4260
Hunter-Lab	64.2209, -16.1832, 17.0908

Details

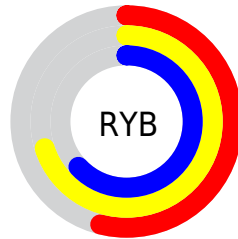
The XYZ color **34.6122, 41.2433, 30.1812** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.7240, 28.9063, 46.5575**, and the grayscale version is **37.1664, 39.1020, 42.5820**.

A 20% lighter version of the original color is **66.3741, 77.2195, 61.2757**, and **15.0480, 18.6295, 12.0353** is the 20% darker color. If you saturate the color by 10%, you get **31.6208, 39.8400, 23.8248**, and if you desaturate by 10%, it is **37.9668, 42.8116, 37.6713**.

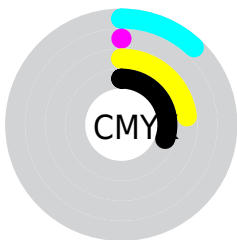
Distribution



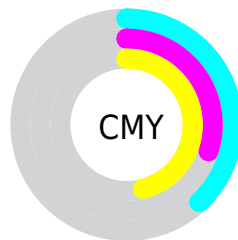
- Red (62%)
- Green (70%)
- Blue (54%)



- Red (54%)
- Yellow (70%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6122, 41.2433, 30.1812 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 34.6122, 41.2433, 30.1812 by changing the saturation by 10% instead.

■ 34.6122, 41.2433,
30.1812

■ 34.6122, 41.2433,
30.1812

314.3914,
351.3365, 316.9817

■ 23.5294, 28.5092,
19.7229

■ 66.2226, 77.0531,
61.0130

■ 15.1078, 18.7099,
12.0117

■ 87.4808, 100.8976,
82.2236

■ 8.9819, 11.4608,
6.6290

■ 112.8617,
129.2144, 107.8555

■ 4.7864, 6.3777,
3.1563

142.7304,
162.3879, 138.3271

■ 2.1559, 3.0761,
1.1750

177.4524,
200.8025, 174.0569

■ 0.7194, 1.1716,
0.0000

217.3929,

■ 0.0000, 0.0383,

244.8425, 215.4637

0.0000

262.9175,
294.8923, 262.9657

■ 0.0000, 0.0000,
0.0000

■ 34.6122, 41.2433,
30.1812

■ 34.6122, 41.2433,
30.1812

■ 31.6208, 39.8400,
23.8248

■ 37.9668, 42.8116,
37.6713

■ 28.9755, 38.5905,
18.5441

■ 41.6943, 44.5451,
46.3440

■ 26.6626, 37.4901,
14.2803

■ 45.8081, 46.4509,
56.2482

■ 24.6660, 36.5320,
10.9676

■ 50.3200, 48.5340,
67.4297

■ 22.9679, 35.7088,
8.5326

■ 55.2410, 50.7993,
79.9317

■ 21.5486, 35.0120,
6.8910

■ 60.5818, 53.2513,
93.7954

■ 20.3847, 34.4318,
5.9423

■ 64.9866, 55.3479,
101.8658

■ 19.6834, 34.0784,
5.5404

■ 68.0529, 56.9287,
102.0093

■ 71.2901, 58.5975,
102.1608

Harmonies

Analogous

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



37.9915, 41.2433, 26.7836



34.6122, 41.2433, 30.1812



32.5581, 41.2433, 37.7013

Triad

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



34.6122, 41.2433, 30.1812



36.5964, 41.2433, 68.3032



47.1256, 41.2433, 41.4983

Complementary

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



34.6122, 41.2433, 30.1812



31.7240, 28.9063, 46.5575

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.



46.6900, 41.2433, 52.9767



34.6122, 41.2433, 30.1812



40.4349, 41.2433, 69.7776

Square

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



34.6122, 41.2433, 30.1812



33.6495, 41.2433, 60.0346



44.1774, 41.2433, 63.7796



45.3308, 41.2433, 32.5614

Rectangle

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



34.6122, 41.2433, 30.1812



32.1310, 41.2433, 44.6510



44.1774, 41.2433, 63.7796



47.2377, 41.2433, 45.1639

Sweetspot

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



34.6133, 41.2451, 30.1821



71.7746, 78.4302, 76.1903



35.7271, 36.5156, 29.2105



15.8144, 17.3356, 16.6765



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.



34.6133, 41.2451, 30.1821



59.4711, 72.6849, 48.6267



31.2896, 39.5202, 30.5464



8.7507, 9.6766, 9.0591



13.9821, 24.1181, 3.9183



0.5075, 0.7937, 0.1264

Inverse Universe

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



31.7240, 28.9063, 46.5575



53.4680, 47.0518, 82.6450



35.6796, 30.9614, 46.0245



8.4629, 8.4472, 10.6908



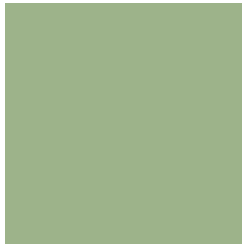
9.2386, 4.0984, 30.4411



0.3572, 0.1632, 0.9609

Previews

White Background



This preview shows how the XYZ color 34.6122, 41.2433, 30.1812 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 34.6122, 41.2433, 30.1812 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 34.6122, 41.2433, 30.1812

Background



This preview shows how black text looks on a background with the XYZ color 34.6122, 41.2433, 30.1812.



This preview shows how white text looks on a background with the XYZ color 34.6122, 41.2433,

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

34.6122, 41.2433, 30.1812

Protanopia

38.3944, 40.9143, 28.4279

Deuteranopia

41.8160, 40.9755, 30.9044



Tritanopia

39.1163, 41.3248, 52.3692

Trichromacy



Original Color

34.6122, 41.2433, 30.1812

Protanomaly

36.9648, 41.0200, 28.8911

Deuteranomaly

38.8755, 40.8332, 30.6436

Tritanomaly

37.1893, 41.1016, 43.5094

Monochromacy



Original Color

34.6122, 41.2433, 30.1812

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.1482, 39.8319, 37.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6122, 41.2433, 30.1812 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(157, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 138)  
}
```

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(157, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.6122, 41.2433, 30.1812 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(157, 179, 138) }
```


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

```
.border{ border-color:rgb(157, 179, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 179,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6122, 41.2433, 30.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 138) }
```

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

```
.background{ background-color: rgb(157,  
179, 138) }
```

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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