

Converting Colors

XYZ(35.3228, 41.2200, 30.5975)

Have a look what the booklet for
XYZ(35.3228, 41.2200, 30.5975)
contains.

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Color

**XYZ(35.2785, 41.2819,
30.5349)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B28B
RGB	161, 178, 139
RGB Percent	63%, 70%, 55%
CMY	0.3686, 0.3019, 0.4549
CMYK	0.10, 0.00, 0.22, 0.30
HSL	86°, 20%, 62%
HSV	86°, 22%, 70%
XYZ	35.2785, 41.2819, 30.5349
YIQ	168.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

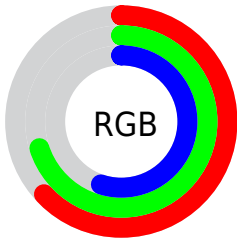
Format	Color
RYB	139, 178, 156
Decimal	10597003
CIELab	70.37, -12.97, 18.01
CIELCh	70, 22.191, 125.756
Yxy	41.2819, 0.3294, 0.3855
Android (android.graphics.Color)	4288787083 (0xFFA1B28B)
YUV	168.4710, -14.5292, -6.5521
Hunter-Lab	64.2510, -14.4297, 16.7985

Details

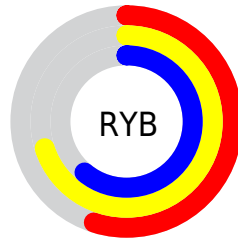
The XYZ color **35.2785, 41.2819, 30.5349** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.9804, 28.7486, 46.0379**, and the grayscale version is **37.5204, 39.4744, 42.9876**.

A 20% lighter version of the original color is **67.3674, 77.2948, 61.8208**, and **15.4435, 18.6397, 12.2351** is the 20% darker color. If you saturate the color by 10%, you get **32.5670, 40.0236, 24.1627**, and if you desaturate by 10%, it is **38.3010, 42.6786, 38.0288**.

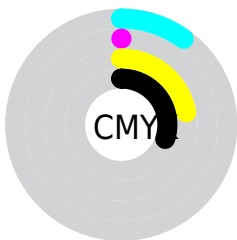
Distribution



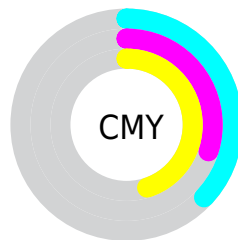
- Red (63%)
- Green (70%)
- Blue (55%)



- Red (55%)
- Yellow (70%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2785, 41.2819, 30.5349 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 35.2785, 41.2819, 30.5349 by changing the saturation by 10% instead.

■ 35.2785, 41.2819,
30.5349

■ 35.2785, 41.2819,
30.5349

317.2824,
351.4974, 318.6744

■ 24.0450, 28.5394,
19.9895

■ 67.2482, 77.1116,
61.5780

■ 15.4919, 18.7327,
12.2034

■ 88.7151, 100.9677,
82.9128

■ 9.2539, 11.4773,
6.7581

■ 114.3238,
129.2971, 108.6811

■ 4.9656, 6.3888,
3.2352

144.4397,
162.4841, 139.3015

■ 2.2616, 3.0829,
1.2159

179.4282,
200.9133, 175.1925

■ 0.7749, 1.1752,
0.0000

219.6545,

■ 0.0000, 0.0413,

244.9690, 216.7726

0.0000

265.4842,
295.0356, 264.4604

■ 0.0000, 0.0000,
0.0000

■ 35.2785, 41.2819,
30.5349

■ 35.2785, 41.2819,
30.5349

■ 32.5670, 40.0236,
24.1627

■ 38.3010, 42.6786,
38.0288

■ 30.1514, 38.8932,
18.8557

■ 41.6426, 44.2130,
46.6921

■ 28.0198, 37.8873,
14.5561

■ 45.3150, 45.8912,
56.5730

■ 26.1582, 37.0000,
11.1999

■ 49.3282, 47.7176,
67.7161

■ 24.5512, 36.2249,
8.7157

■ 53.6919, 49.6962,
80.1639

■ 23.1813, 35.5547,
7.0217

■ 58.4152, 51.8308,
93.9567

■ 22.0280, 34.9812,
6.0208

■ 62.0904, 53.5584,
101.6730

■ 21.2213, 34.5747,
5.5551

■ 64.4282, 54.7636,
101.7824

■ 66.8756, 56.0253,
101.8970

Harmonies

Analogous

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



38.5377, 41.2819, 27.7740



35.2785, 41.2819, 30.5349



33.1812, 41.2819, 37.1926

Triad

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



35.2785, 41.2819, 30.5349



36.4261, 41.2819, 65.8729



46.6402, 41.2819, 42.9636

Complementary

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



35.2785, 41.2819, 30.5349



30.9804, 28.7486, 46.0379

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.



45.9886, 41.2819, 53.7151



35.2785, 41.2819, 30.5349



39.9451, 41.2819, 68.0522

Square

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



35.2785, 41.2819, 30.5349



33.8144, 41.2819, 57.7427



43.4815, 41.2819, 63.3068



45.2108, 41.2819, 34.2000

Rectangle

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



35.2785, 41.2819, 30.5349



32.6479, 41.2819, 43.4783



43.4815, 41.2819, 63.3068



46.6584, 41.2819, 46.4524

Sweetspot

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



35.2796, 41.2837, 30.5358



72.2819, 78.6917, 76.2140



34.8935, 35.0739, 29.3575



15.9356, 17.3981, 16.6822



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.



35.2796, 41.2837, 30.5358



61.6734, 73.7947, 49.8806



31.6686, 39.4222, 30.3668



8.8322, 9.7186, 9.0629



15.2565, 24.7751, 3.9780



0.5455, 0.8133, 0.1282

Inverse Universe

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



30.9804, 28.7486, 46.0379



52.5652, 47.2349, 82.7279



35.0392, 30.8410, 46.2278



8.3817, 8.4053, 10.6870



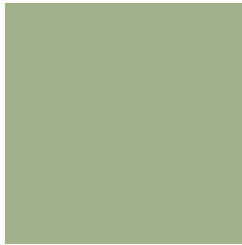
8.0441, 3.4827, 30.3852



0.3205, 0.1443, 0.9592

Previews

White Background



This preview shows how the XYZ color 35.2785, 41.2819, 30.5349 looks on a white background.

Color Contrast Check

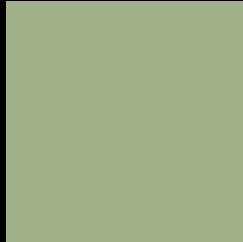
Large Text (above 18pt) WCAG AA × Fail

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 35.2785, 41.2819, 30.5349 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 35.2785, 41.2819, 30.5349

Background



This preview shows how black text looks on a background with the XYZ color 35.2785, 41.2819, 30.5349.



This preview shows how white text looks on a background with the XYZ color 35.2785, 41.2819,

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

35.2785, 41.2819, 30.5349

Protanopia

38.7249, 41.3499, 29.2329

Deuteranopia

41.8908, 41.0054, 31.2981



Tritanopia

39.6579, 41.3327, 51.7867

Trichromacy



Original Color

35.2785, 41.2819, 30.5349

Protanomaly

37.3306, 41.1922, 29.6503

Deuteranomaly

39.1900, 40.9868, 31.0450

Tritanomaly

37.7210, 41.0986, 42.9905

Monochromacy



Original Color

35.2785, 41.2819, 30.5349

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.3554, 39.9387, 37.6911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2785, 41.2819, 30.5349 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(161, 178, 139)` looks like.

```
.text, #text, p{  
    color:rgb(161, 178, 139)  
}
```

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(161, 178, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 178, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.2785, 41.2819, 30.5349 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(161, 178, 139) }
```


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

```
.border{ border-color:rgb(161, 178, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 178, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 178, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 178, 139);  
box-shadow:4px 4px 4px 4px rgb(161, 178,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2785, 41.2819, 30.5349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 178, 139) }
```

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

```
.background{ background-color: rgb(161,  
178, 139) }
```

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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