

Converting Colors

XYZ(35.6429, 42.3085, 26.3633)

Have a look what the booklet for
XYZ(35.6429, 42.3085, 26.3633)
contains.

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Color

**XYZ(35.4619, 42.0673,
26.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B47F
RGB	164, 180, 127
RGB Percent	64%, 71%, 50%
CMY	0.3569, 0.2941, 0.5020
CMYK	0.09, 0.00, 0.29, 0.29
HSL	78°, 26%, 60%
HSV	78°, 29%, 71%
XYZ	35.4619, 42.0673, 26.3294
YIQ	169.1740, 7.4770, -19.8750

Conversions

Conversions Part 2

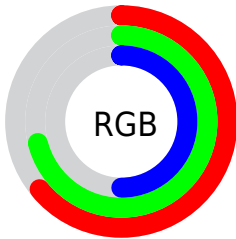
Format	Color
RYB	127, 180, 143
Decimal	10794111
CIELab	70.92, -14.69, 25.26
CIELCh	71, 29.218, 120.187
Yxy	42.0673, 0.3414, 0.4050
Android (android.graphics.Color)	4288984191 (0xFFA4B47F)
YUV	169.1740, -20.7918, -4.5376
Hunter-Lab	64.8593, -15.9087, 21.3330

Details

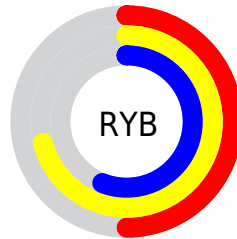
The XYZ color **35.4619, 42.0673, 26.3294** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.1568, 24.3147, 46.4442**, and the grayscale version is **37.8962, 39.8698, 43.4182**.

A 20% lighter version of the original color is **67.4471, 78.3463, 54.7475**, and **15.6110, 19.1593, 9.8965** is the 20% darker color. If you saturate the color by 10%, you get **33.2946, 41.0750, 20.6418**, and if you desaturate by 10%, it is **37.8889, 43.1719, 33.1250**.

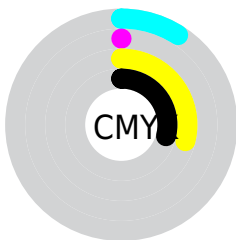
Distribution



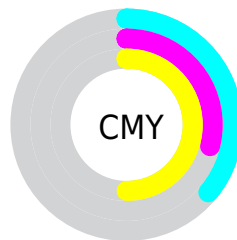
- Red (64%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4619, 42.0673, 26.3294 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 35.4619, 42.0673, 26.3294 by changing the saturation by 10% instead.

■ 35.4619, 42.0673,
26.3294

■ 35.4619, 42.0673,
26.3294

318.0749,
354.7618, 298.0521

■ 24.1871, 29.1540,
16.8423

■ 67.5300, 78.3015,
54.7965

■ 15.5979, 19.1973,
9.9613

■ 89.0540, 102.3911,
74.6135

■ 9.3291, 11.8130,
5.2680

■ 114.7252,
130.9750, 98.7108

■ 5.0153, 6.6164,
2.3439

144.9088,
164.4375, 127.5071

■ 2.2911, 3.2234,
0.7557

179.9702,
203.1631, 161.4208

■ 0.7901, 1.2495,
0.0000

220.2748,

■ 0.0000, 0.1016,

247.5361, 200.8706

0.0000

266.1879,
297.9408, 246.2748

■ 0.0000, 0.0000,
0.0000

■ 35.4619, 42.0673,
26.3294

■ 35.4619, 42.0673,
26.3294

■ 33.2946, 41.0750,
20.6418

■ 37.8889, 43.1719,
33.1250

■ 31.3720, 40.1846,
16.0006

■ 40.5834, 44.3877,
41.0802

■ 29.6825, 39.3928,
12.3425

■ 43.5566, 45.7206,
50.2469

■ 28.2118, 38.6939,
9.5962

■ 46.8181, 47.1746,
60.6729

■ 26.9440, 38.0814,
7.6806

■ 50.3771, 48.7533,
72.4034

■ 25.8604, 37.5478,
6.5005

■ 54.2423, 50.4605,
85.4814

■ 24.9252, 37.0787,
5.8719

■ 58.4220, 52.2993,
99.9480

■ 24.8754, 37.0536,
5.8410

■ 60.2388, 53.1990,
101.7012

■ 61.7883, 53.9978,
101.7738

Harmonies

Analogous

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



39.9532, 42.0673, 23.8967



35.4619, 42.0673, 26.3294



32.4038, 42.0673, 33.7336

Triad

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



35.4619, 42.0673, 26.3294



35.5107, 42.0673, 73.2042



50.0871, 42.0673, 45.7168

Complementary

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



35.4619, 42.0673, 26.3294



27.1568, 24.3147, 46.4442

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.



48.6621, 42.0673, 60.4571



35.4619, 42.0673, 26.3294



40.0142, 42.0673, 78.1587

Square

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



35.4619, 42.0673, 26.3294



32.4303, 42.0673, 60.6395



44.8744, 42.0673, 73.0848



48.6273, 42.0673, 33.6102

Rectangle

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



35.4619, 42.0673, 26.3294



31.4559, 42.0673, 41.3880



44.8744, 42.0673, 73.0848



49.9282, 42.0673, 50.5237

Sweetspot

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



35.4630, 42.0692, 26.3303



73.7323, 80.5475, 74.9358



32.4621, 30.8518, 24.3233



15.7774, 17.3377, 15.7176



86.6293, 91.1408, 99.2523



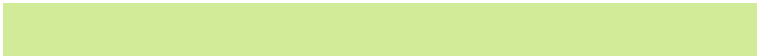
17.0014, 17.8868, 19.4787

Same Dimension

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



35.4630, 42.0692, 26.3303



61.8253, 75.1444, 41.1624



30.5685, 39.5460, 26.1012



8.9423, 9.7753, 9.0680



17.4310, 25.8961, 4.0797



0.6042, 0.8435, 0.1310

Inverse Universe

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



27.1568, 24.3147, 46.4442



44.4414, 37.9712, 83.2815



32.2772, 26.9544, 46.6838



8.2752, 8.3504, 10.6820



6.8854, 2.8853, 30.3310



0.2773, 0.1220, 0.9572

Previews

White Background



This preview shows how the XYZ color 35.4619, 42.0673, 26.3294 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 35.4619, 42.0673, 26.3294 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

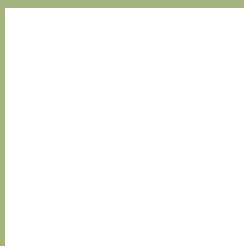
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4619, 42.0673, 26.3294

Background



This preview shows how black text looks on a background with the XYZ color 35.4619, 42.0673, 26.3294.



This preview shows how white text looks on a background with the XYZ color 35.4619, 42.0673,

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

35.4619, 42.0673, 26.3294

Protanopia

39.0752, 41.9072, 25.0982

Deuteranopia

42.5673, 41.7215, 26.9286



Tritanopia

40.6287, 41.8209, 52.3852

Trichromacy



Original Color

35.4619, 42.0673, 26.3294

Protanomaly

37.8174, 42.1150, 25.5379

Deuteranomaly

39.5116, 41.5296, 26.7024

Tritanomaly

38.4837, 41.8116, 41.6394

Monochromacy



Original Color

35.4619, 42.0673, 26.3294

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.7127, 40.4357, 36.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4619, 42.0673, 26.3294 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(164, 180, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 127)  
}
```

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(164, 180, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.4619, 42.0673, 26.3294 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(164, 180, 127) }
```


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

```
.border{ border-color:rgb(164, 180, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4619, 42.0673, 26.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 127) }
```

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

```
.background{ background-color: rgb(164,  
180, 127) }
```

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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