

Converting Colors

XYZ(35.1209, 42.0999, 27.3718)

Have a look what the booklet for
XYZ(35.1209, 42.0999, 27.3718)
contains.

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Color

**XYZ(35.2511, 42.2365,
27.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B582
RGB	161, 181, 130
RGB Percent	63%, 71%, 51%
CMY	0.3686, 0.2902, 0.4902
CMYK	0.11, 0.00, 0.28, 0.29
HSL	84°, 26%, 61%
HSV	84°, 28%, 71%
XYZ	35.2511, 42.2365, 27.4136
YIQ	169.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

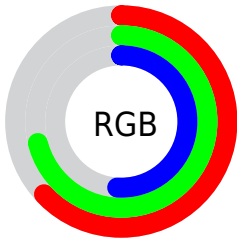
Format	Color
RYB	130, 181, 150
Decimal	10597762
CIELab	71.03, -15.91, 23.77
CIELCh	71, 28.601, 123.793
Yxy	42.2365, 0.3360, 0.4026
Android (android.graphics.Color)	4288787842 (0xFFA1B582)
YUV	169.2060, -19.3286, -7.1967
Hunter-Lab	64.9896, -16.9114, 20.4833

Details

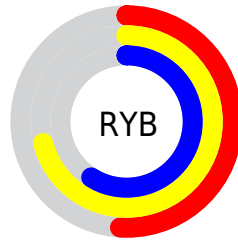
The XYZ color **35.2511, 42.2365, 27.4136** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9024, 25.7866, 47.1723**, and the grayscale version is **37.9062, 39.8802, 43.4296**.

A 20% lighter version of the original color is **67.1503, 78.5862, 56.4292**, and **15.4738, 19.2687, 10.4931** is the 20% darker color. If you saturate the color by 10%, you get **32.7516, 41.0775, 21.5030**, and if you desaturate by 10%, it is **38.0478, 43.5266, 34.4555**.

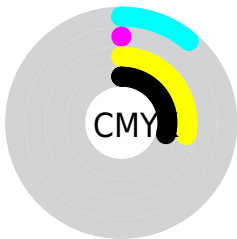
Distribution



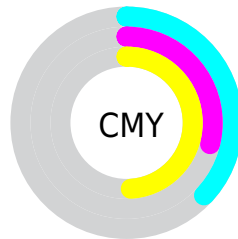
- Red (63%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2511, 42.2365, 27.4136 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 35.2511, 42.2365, 27.4136 by changing the saturation by 10% instead.

■ 35.2511, 42.2365,
27.4136

■ 35.2511, 42.2365,
27.4136

317.1639,
355.4624, 303.4774

■ 24.0238, 29.2865,
17.6489

■ 67.2060, 78.5574,
56.5586

■ 15.4761, 19.2977,
10.5314

■ 88.6644, 102.6972,
76.7761

■ 9.2427, 11.8856,
5.6425

■ 114.2638,
131.3356, 101.3148

■ 4.9582, 6.6658,
2.5637

144.3696,
164.8572, 130.5934

■ 2.2573, 3.2540,
0.8736

179.3471,
203.6463, 165.0305

■ 0.7727, 1.2657,
0.0000

219.5618,

■ 0.0000, 0.1144,

248.0872, 205.0445

0.0000

265.3789,
298.5645, 251.0539

■ 0.0000, 0.0000,
0.0000

■ 35.2511, 42.2365,
27.4136

■ 35.2511, 42.2365,
27.4136

■ 32.7516, 41.0775,
21.5030

■ 38.0478, 43.5266,
34.4555

■ 30.5334, 40.0388,
16.6619

■ 41.1501, 44.9471,
42.6807

■ 28.5841, 39.1168,
12.8268

■ 44.5701, 46.5043,
52.1412

■ 26.8888, 38.3053,
9.9263

■ 48.3182, 48.2025,
62.8852

■ 25.4307, 37.5974,
7.8798

■ 52.4041, 50.0459,
74.9583

■ 24.1903, 36.9851,
6.5929

■ 56.8373, 52.0383,
88.4039

■ 23.1370, 36.4561,
5.9120

■ 61.3512, 54.0733,
101.8114

■ 22.9568, 36.3653,
5.8093

■ 63.4265, 55.1431,
101.9085

■ 65.5926, 56.2598,
102.0099

Harmonies

Analogous

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



39.5402, 42.2365, 24.4235



35.2511, 42.2365, 27.4136



32.4571, 42.2365, 35.3256

Triad

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



35.2511, 42.2365, 27.4136



36.2246, 42.2365, 73.8461



50.0210, 42.2365, 44.2707

Complementary

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



35.2511, 42.2365, 27.4136



28.9024, 25.7866, 47.1723

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.



48.9589, 42.2365, 58.6061



35.2511, 42.2365, 27.4136



40.7550, 42.2365, 77.5336

Square

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



35.2511, 42.2365, 27.4136



32.9871, 42.2365, 62.2195



45.4711, 42.2365, 71.4863



48.2689, 42.2365, 32.8582

Rectangle

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



35.2511, 42.2365, 27.4136



31.6908, 42.2365, 43.2034



45.4711, 42.2365, 71.4863



49.9819, 42.2365, 48.8905

Sweetspot

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



35.2522, 42.2384, 27.4145



73.7209, 80.5068, 76.5058



33.9215, 33.1062, 25.7220



15.7469, 17.3151, 16.0309



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.



35.2522, 42.2384, 27.4145



60.2113, 74.2898, 42.1041



30.6997, 39.8914, 27.2015



8.8680, 9.7370, 9.0646



15.9047, 25.1092, 4.0083



0.5636, 0.8226, 0.1291

Inverse Universe

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



28.9024, 25.7866, 47.1723



46.9106, 39.8173, 83.5077



34.0151, 28.4223, 47.4116



8.3468, 8.3873, 10.6853



7.6137, 3.2608, 30.3651



0.3061, 0.1369, 0.9585

Previews

White Background



This preview shows how the XYZ color 35.2511, 42.2365, 27.4136 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 35.2511, 42.2365, 27.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

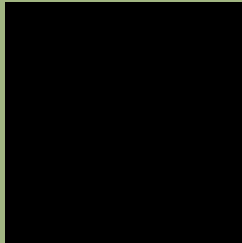
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2511, 42.2365, 27.4136

Background



This preview shows how black text looks on a background with the XYZ color 35.2511, 42.2365, 27.4136.



This preview shows how white text looks on a background with the XYZ color 35.2511, 42.2365,

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

35.2511, 42.2365, 27.4136

Protanopia

39.2679, 41.9842, 26.1128

Deuteranopia

42.9542, 42.1683, 28.0657



Tritanopia

40.4679, 42.2950, 53.0446

Trichromacy



Original Color

35.2511, 42.2365, 27.4136

Protanomaly

37.7817, 42.0742, 26.5519

Deuteranomaly

39.6564, 41.8624, 27.8199

Tritanomaly

38.3310, 42.3044, 42.2217

Monochromacy



Original Color

35.2511, 42.2365, 27.4136

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.5858, 40.3607, 36.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2511, 42.2365, 27.4136 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, 181, 130)` looks like.

```
.text, #text, p{  
    color:rgb(161, 181, 130)  
}
```

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, 181, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 181, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.2511, 42.2365, 27.4136 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, 181, 130) }
```


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

```
.border{ border-color:rgb(161, 181, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 181, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(161, 181,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2511, 42.2365, 27.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 181, 130) }
```

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

```
.background{ background-color: rgb(161,  
181, 130) }
```

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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