

Converting Colors

XYZ(36.1627, 42.4967, 37.6181)

Have a look what the booklet for
XYZ(36.1627, 42.4967, 37.6181)
contains.

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Color

**XYZ(36.2349, 42.5160,
37.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB59C
RGB	156, 181, 156
RGB Percent	61%, 71%, 61%
CMY	0.3882, 0.2902, 0.3882
CMYK	0.14, 0.00, 0.14, 0.29
HSL	120°, 14%, 66%
HSV	120°, 14%, 71%
XYZ	36.2349, 42.5160, 37.7491
YIQ	170.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

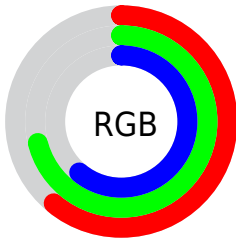
Format	Color
R_{YB}	156, 181, 181
Decimal	10270108
CIE _{Lab}	71.23, -13.42, 9.89
CIE _{LCh}	71, 16.671, 143.623
Yxy	42.5160, 0.3110, 0.3649
Android (android.graphics.Color)	4288460188 (0xFF9CB59C)
YUV	170.6750, -7.2348, -12.8700
Hunter-Lab	65.2043, -14.9127, 11.3179

Details

The XYZ color **36.2349, 42.5160, 37.7491** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2865, 36.9378, 48.7771**, and the grayscale version is **38.5842, 40.5936, 44.2064**.

A 20% lighter version of the original color is **68.9060, 79.1204, 73.2680**, and **16.0947, 19.4615, 16.2728** is the 20% darker color. If you saturate the color by 10%, you get **31.5698, 40.2764, 30.1176**, and if you desaturate by 10%, it is **41.6527, 45.1197, 46.6099**.

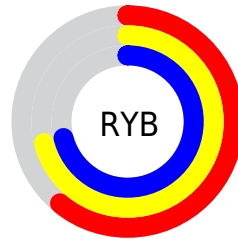
Distribution



Red (61%)

Green (71%)

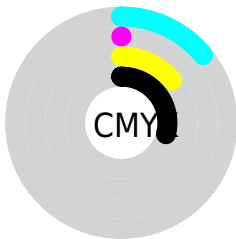
Blue (61%)



Red (61%)

Yellow (71%)

Blue (71%)

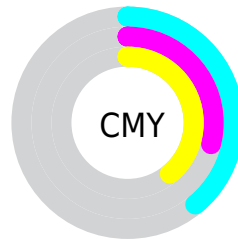


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (29%)



Cyan (39%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2349, 42.5160, 37.7491 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 36.2349, 42.5160, 37.7491 by changing the saturation by 10% instead.


 36.2349, 42.5160,
37.7491


 36.2349, 42.5160,
37.7491


321.3994,
356.6175, 351.8083

 24.7866, 29.5055,
25.4877


 68.7160, 78.9800,
72.9226

 16.0460, 19.4636,
16.2185


 90.4795, 103.2023,
96.6717

 9.6478, 12.0057,
9.5228


116.4121,
131.9307, 125.0872

 5.2265, 6.7476,
4.9823

146.8792,
165.5495, 158.5875

 2.4169, 3.3047,
2.1783

182.2461,
204.4432, 197.5912

 0.8535, 1.2928,
0.6618

222.8782,

 0.0000, 0.1356,

248.9962, 242.5169

0.0000

269.1409,
299.5928, 293.7831

■ 0.0000, 0.0000,
0.0000

■ 36.2349, 42.5160,
37.7491

■ 36.2349, 42.5160,
37.7491

■ 31.5698, 40.2764,
30.1176

■ 41.6527, 45.1197,
46.6099

■ 27.6209, 38.3795,
23.6584

■ 47.8508, 48.0970,
56.7479

■ 24.3537, 36.8101,
18.3144

■ 54.8596, 51.4637,
68.2118

■ 21.7298, 35.5497,
14.0224

■ 62.7069, 55.2331,
81.0472

■ 19.7066, 34.5779,
10.7131

■ 71.4190, 59.4180,
95.2973

■ 18.2367, 33.8718,
8.3087

■ 75.8147, 61.5295,
102.4882

■ 17.2654, 33.4052,
6.7199

■ 16.7270, 33.1466,
5.8391

■ 16.5248, 33.0495,
5.5084

Harmonies

Analogous

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



38.2942, 42.5160, 33.5718



36.2349, 42.5160, 37.7491



35.2999, 42.5160, 44.6037

Triad

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



36.2349, 42.5160, 37.7491



39.8160, 42.5160, 63.3398



45.5380, 42.5160, 40.3937

Complementary

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



36.2349, 42.5160, 37.7491



39.2865, 36.9378, 48.7771

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.



45.9913, 42.5160, 48.0238



36.2349, 42.5160, 37.7491



42.6027, 42.5160, 61.8787

Square

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



36.2349, 42.5160, 37.7491



37.3051, 42.5160, 59.8268



44.8945, 42.5160, 56.0369



43.6830, 42.5160, 34.9711

Rectangle

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



36.2349, 42.5160, 37.7491



35.4078, 42.5160, 50.0141



44.8945, 42.5160, 56.0369



45.8628, 42.5160, 42.7606

Sweetspot

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



36.2361, 42.5178, 37.7500



74.3328, 80.6782, 83.0436



41.5826, 45.2741, 38.0000



15.9000, 17.3577, 17.6772



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.



36.2361, 42.5178, 37.7500



61.8454, 74.6799, 62.6184



37.3500, 42.9634, 43.6159



8.3890, 9.4901, 9.0422



11.3913, 22.7825, 3.7972



0.3584, 0.7168, 0.1195

Inverse Universe

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



39.2865, 36.9378, 48.7771



68.5185, 62.4731, 86.7410



38.0604, 36.4474, 42.3208



8.8501, 8.6467, 10.7088



18.8863, 9.0721, 30.8910



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 36.2349, 42.5160, 37.7491 looks on a white background.

Color Contrast Check

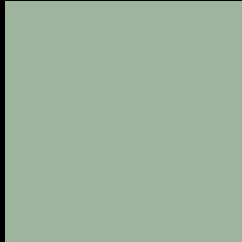
Large Text (above 18pt) WCAG AA × Fail

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 36.2349, 42.5160, 37.7491 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 36.2349, 42.5160, 37.7491

Background



This preview shows how black text looks on a background with the XYZ color 36.2349, 42.5160, 37.7491.



This preview shows how white text looks on a background with the XYZ color 36.2349, 42.5160,

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

36.2349, 42.5160, 37.7491

Protanopia

40.0950, 42.4842, 35.7928

Deuteranopia

43.2866, 42.3788, 38.6994



Tritanopia

39.7199, 42.4498, 54.8154

Trichromacy



Original Color

36.2349, 42.5160, 37.7491

Protanomaly

38.7055, 42.6284, 36.3251

Deuteranomaly

40.4065, 42.3008, 38.3830

Tritanomaly

38.4535, 42.5287, 48.3016

Monochromacy



Original Color

36.2349, 42.5160, 37.7491

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.9388, 41.5201, 42.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2349, 42.5160, 37.7491 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(156, 181, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 181, 156)  
}
```

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(156, 181, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 181, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.2349, 42.5160, 37.7491 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(156, 181, 156) }
```


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

```
.border{ border-color:rgb(156, 181, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 181, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 181,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2349, 42.5160, 37.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 181, 156) }
```

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

```
.background{ background-color: rgb(156,  
181, 156) }
```

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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