

Converting Colors

XYZ(33.5645, 42.0427, 33.2261)

Have a look what the booklet for
XYZ(33.5645, 42.0427, 33.2261)
contains.

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Color

**XYZ(33.5790, 42.1650,
33.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB891
RGB	143, 184, 145
RGB Percent	56%, 72%, 57%
CMY	0.4392, 0.2784, 0.4314
CMYK	0.22, 0.00, 0.21, 0.28
HSL	123°, 22%, 64%
HSV	123°, 22%, 72%
XYZ	33.5790, 42.1650, 33.1569
YIQ	167.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

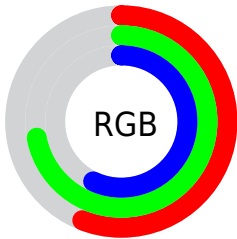
Format	Color
RYB	143, 182, 184
Decimal	9418897
CIELab	70.98, -21.47, 15.42
CIELCh	71, 26.431, 144.315
Yxy	42.1650, 0.3083, 0.3872
Android (android.graphics.Color)	4287608977 (0xFF8FB891)
YUV	167.2950, -10.9914, -21.3067
Hunter-Lab	64.9346, -21.3295, 15.1795

Details

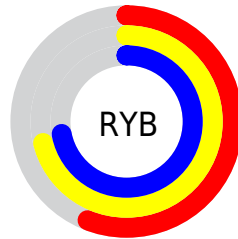
The XYZ color **33.5790, 42.1650, 33.1569** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.0346, 33.2135, 48.6640**, and the grayscale version is **36.9315, 38.8548, 42.3129**.

A 20% lighter version of the original color is **64.4948, 78.3140, 65.7497**, and **14.5503, 19.3161, 13.5512** is the 20% darker color. If you saturate the color by 10%, you get **29.4039, 40.1580, 26.4511**, and if you desaturate by 10%, it is **38.4868, 44.5281, 40.9841**.

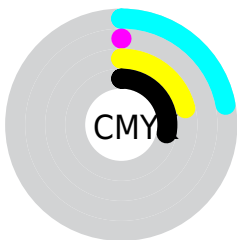
Distribution



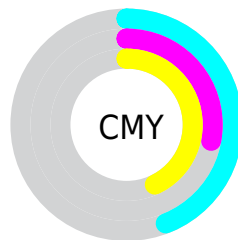
- Red (56%)
- Green (72%)
- Blue (57%)



- Red (56%)
- Yellow (71%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5790, 42.1650, 33.1569 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 33.5790, 42.1650, 33.1569 by changing the saturation by 10% instead.


 33.5790, 42.1650,
33.1569


 33.5790, 42.1650,
33.1569


309.8698,
355.1665, 331.0098

 22.7317, 29.2305,
21.9746


 64.6271, 78.4493,
65.7392

 14.5151, 19.2553,
13.6401


 85.5586, 102.5679,
87.9763

 8.5639, 11.8549,
7.7349


110.5823,
131.1833, 114.7354

 4.5127, 6.6449,
3.8404

140.0634,
164.6799, 146.4351

 1.9961, 3.2411,
1.5382

174.3673,
203.4421, 183.4938

 0.6317, 1.2588,
0.2462

213.8595,

 0.0000, 0.1090,

247.8544, 226.3301

0.0000

258.9052,
298.3010, 275.3626

■ 0.0000, 0.0000,
0.0000

■ 33.5790, 42.1650,
33.1569

■ 33.5790, 42.1650,
33.1569

■ 29.4039, 40.1580,
26.4511

■ 38.4868, 44.5281,
40.9841

■ 25.9233, 38.4848,
20.8129

■ 44.1565, 47.2578,
49.9779

■ 23.1003, 37.1290,
16.1879

■ 50.6198, 50.3705,
60.1843

■ 20.8937, 36.0704,
12.5161

■ 57.9058, 53.8805,
71.6459

■ 19.2573, 35.2868,
9.7312

■ 66.0419, 57.8008,
84.4034

■ 18.1385, 34.7526,
7.7582

■ 75.0543, 62.1443,
98.4956

■ 17.4751, 34.4375,
6.5098

■ 76.4314, 62.7627,
102.6938

■ 17.1905, 34.3024,
5.9728

Harmonies

Analogous

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



36.6870, 42.1650, 27.1526



33.5790, 42.1650, 33.1569



32.2204, 42.1650, 43.5478

Triad

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



33.5790, 42.1650, 33.1569



39.2429, 42.1650, 74.5483



48.3072, 42.1650, 36.6235

Complementary

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



33.5790, 42.1650, 33.1569



38.0346, 33.2135, 48.6640

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.



49.1160, 42.1650, 48.3572



33.5790, 42.1650, 33.1569



43.6687, 42.1650, 71.7737

Square

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



33.5790, 42.1650, 33.1569



35.3330, 42.1650, 68.5834



47.3625, 42.1650, 61.5754



45.2267, 42.1650, 28.8822

Rectangle

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



33.5790, 42.1650, 33.1569



32.4123, 42.1650, 52.1776



47.3625, 42.1650, 61.5754



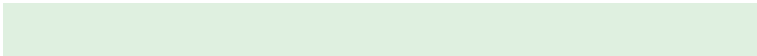
48.8628, 42.1650, 40.1665

Sweetspot

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



33.5801, 42.1668, 33.1578



74.8982, 83.1868, 82.4452



41.5416, 46.2888, 32.7320



16.0159, 17.8705, 17.5663



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.5801, 42.1668, 33.1578



56.7966, 74.4754, 53.5744



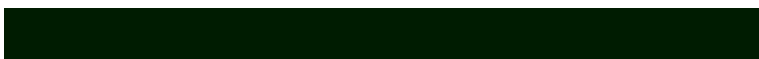
35.2488, 42.8343, 41.9450



8.9076, 10.0670, 9.6710



11.8547, 23.6428, 4.1567



0.4239, 0.8359, 0.1783

Inverse Universe

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



38.0346, 33.2135, 48.6640



66.3789, 55.2130, 86.9290



36.1244, 32.4495, 38.6051



9.3615, 9.1550, 11.2510



18.9655, 9.1600, 28.7687



0.6744, 0.3252, 1.0449

Previews

White Background



This preview shows how the XYZ color 33.5790, 42.1650, 33.1569 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 33.5790, 42.1650, 33.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

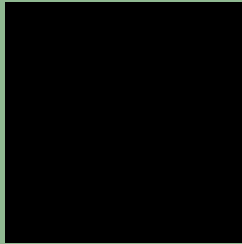
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5790, 42.1650, 33.1569

Background



This preview shows how black text looks on a background with the XYZ color 33.5790, 42.1650, 33.1569.



This preview shows how white text looks on a background with the XYZ color 33.5790, 42.1650,

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

33.5790, 42.1650, 33.1569

Protanopia

39.4444, 41.9709, 30.8332

Deuteranopia

42.7967, 41.9495, 34.2752



Tritanopia

38.1973, 42.2259, 56.0064

Trichromacy



Original Color

33.5790, 42.1650, 33.1569

Protanomaly

36.9668, 41.8323, 31.7173

Deuteranomaly

38.8793, 41.6090, 33.9991

Tritanomaly

36.2719, 42.0336, 46.7590

Monochromacy



Original Color

33.5790, 42.1650, 33.1569

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.3021, 39.6594, 38.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5790, 42.1650, 33.1569 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(143, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(143, 184, 145)  
}
```

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(143, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 184, 145) }
```

Border

The CSS property to change the border of an element to XYZ 33.5790, 42.1650, 33.1569 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(143, 184, 145) }
```


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

```
.border{ border-color:rgb(143, 184, 145) }
```

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

Here you see how a box with a 4 pixel rgb(143, 184, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(143, 184,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5790, 42.1650, 33.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 184, 145) }
```

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

```
.background{ background-color: rgb(143,  
184, 145) }
```

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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