

Converting Colors

XYZ(34.2241, 41.7720, 27.5638)

Have a look what the booklet for
XYZ(34.2241, 41.7720, 27.5638)
contains.

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Color

**XYZ(34.1382, 41.6550,
27.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB583
RGB	155, 181, 131
RGB Percent	61%, 71%, 51%
CMY	0.3922, 0.2902, 0.4863
CMYK	0.14, 0.00, 0.28, 0.29
HSL	91°, 25%, 61%
HSV	91°, 28%, 71%
XYZ	34.1382, 41.6550, 27.7137
YIQ	167.5260, 0.5540, -21.0620

Conversions

Conversions Part 2

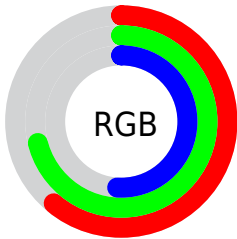
Format	Color
RYB	131, 181, 157
Decimal	10204547
CIELab	70.63, -18.00, 22.62
CIELCh	71, 28.906, 128.512
Yxy	41.6550, 0.3298, 0.4024
Android (android.graphics.Color)	4288394627 (0xFF9BB583)
YUV	167.5260, -18.0073, -10.9853
Hunter-Lab	64.5407, -18.5303, 19.7194

Details

The XYZ color **34.1382, 41.6550, 27.7137** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.3631, 26.7381, 47.2790**, and the grayscale version is **37.0733, 39.0040, 42.4754**.

A 20% lighter version of the original color is **65.5143, 77.7307, 56.8980**, and **14.7979, 18.9160, 10.6558** is the 20% darker color. If you saturate the color by 10%, you get **31.2807, 40.3127, 21.7262**, and if you desaturate by 10%, it is **37.3531, 43.1592, 34.8384**.

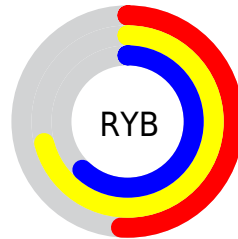
Distribution



Red (61%)

Green (71%)

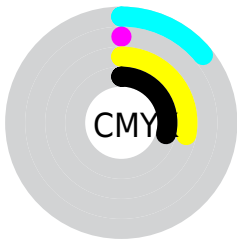
Blue (51%)



Red (51%)

Yellow (71%)

Blue (62%)

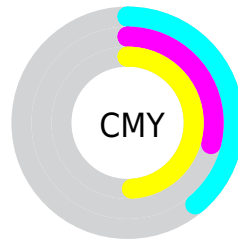


Cyan (14%)

Magenta (0%)

Yellow (28%)

Black (29%)



Cyan (39%)


Magenta (29%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1382, 41.6550, 27.7137 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 34.1382, 41.6550, 27.7137 by changing the saturation by 10% instead.


 34.1382, 41.6550,
27.7137


 34.1382, 41.6550,
27.7137


312.3229,
353.0508, 304.9651


 23.1632, 28.8312,
17.8728


 65.4914, 77.6772,
57.0446

 14.8354, 18.9532,
10.6902


 86.6003, 101.6445,
77.3717

 8.7895, 11.6365,
5.7474


 111.8178,
130.0950, 102.0313

 4.6601, 6.4966,
2.6258

141.5094,
163.4132, 131.4418

 2.0820, 3.1494,
0.9057

176.0403,
201.9835, 166.0220

 0.6794, 1.2102,
0.0000

215.7760,

 0.0000, 0.0700,

246.1903, 206.1902

0.0000

261.0817,
296.4179, 252.3651

■ 0.0000, 0.0000,
0.0000

■ 34.1382, 41.6550,
27.7137

■ 34.1382, 41.6550,
27.7137

■ 31.2807, 40.3127,
21.7262

■ 37.3531, 43.1592,
34.8384

■ 28.7630, 39.1209,
16.8142

■ 40.9355, 44.8257,
43.1522

■ 26.5707, 38.0748,
12.9146

■ 44.8992, 46.6617,
52.7070

■ 24.6869, 37.1672,
9.9564

■ 49.2563, 48.6724,
63.5509

■ 23.0928, 36.3902,
7.8592

■ 54.0181, 50.8625,
75.7295

■ 21.7670, 35.7348,
6.5297

■ 59.1955, 53.2369,
89.2860

■ 20.6786, 35.1881,
5.8256

■ 64.3606, 55.6246,
101.9522

■ 20.4434, 35.0696,
5.6916

■ 67.3058, 57.1429,
102.0900

■ 70.4142, 58.7454,
102.2355

Harmonies

Analogous

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



38.2464, 41.6550, 23.9796



34.1382, 41.6550, 27.7137



31.6380, 41.6550, 36.3774

Triad

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



34.1382, 41.6550, 27.7137



36.3185, 41.6550, 74.5339



49.3988, 41.6550, 41.5681

Complementary

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



34.1382, 41.6550, 27.7137



30.3631, 26.7381, 47.2790

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.



48.7782, 41.6550, 55.7005



34.1382, 41.6550, 27.7137



40.9684, 41.6550, 76.6992

Square

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



34.1382, 41.6550, 27.7137



32.8245, 41.6550, 63.8068



45.5974, 41.6550, 69.2368



47.2307, 41.6550, 30.8553

Rectangle

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



34.1382, 41.6550, 27.7137



31.0935, 41.6550, 44.6750



45.5974, 41.6550, 69.2368



49.5127, 41.6550, 46.0423

Sweetspot

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



34.1393, 41.6568, 27.7146



72.9683, 80.1189, 76.4706



35.1832, 35.5216, 26.4754



15.5562, 17.2168, 16.0220



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.



34.1393, 41.6568, 27.7146



58.0306, 73.1427, 43.0392



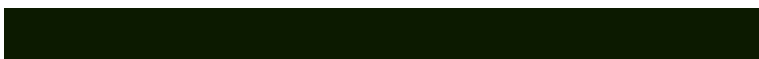
30.0387, 39.5363, 27.8188



8.7641, 9.6835, 9.0597



14.1718, 24.2159, 3.9272



0.5134, 0.7967, 0.1267

Inverse Universe

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



30.3631, 26.7381, 47.2790



50.1675, 42.0808, 83.7729



35.4292, 29.3596, 47.0709



8.4495, 8.4402, 10.6901



9.0216, 3.9866, 30.4310



0.3508, 0.1599, 0.9606

Previews

White Background



This preview shows how the XYZ color 34.1382, 41.6550, 27.7137 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 34.1382, 41.6550, 27.7137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

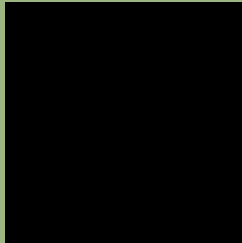
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1382, 41.6550, 27.7137

Background



This preview shows how black text looks on a background with the XYZ color 34.1382, 41.6550, 27.7137.



This preview shows how white text looks on a background with the XYZ color 34.1382, 41.6550,

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

34.1382, 41.6550, 27.7137

Protanopia

38.5909, 41.3516, 26.0264

Deuteranopia

42.1153, 41.1881, 28.2846



Tritanopia

39.2099, 41.6465, 52.9857

Trichromacy



Original Color

34.1382, 41.6550, 27.7137

Protanomaly

36.6818, 41.2171, 26.4444

Deuteranomaly

38.8041, 41.1336, 28.0847

Tritanomaly

37.1944, 41.7079, 42.6493

Monochromacy



Original Color

34.1382, 41.6550, 27.7137

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.9642, 40.0402, 36.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1382, 41.6550, 27.7137 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(155, 181, 131)` looks like.

```
.text, #text, p{  
    color:rgb(155, 181, 131)  
}
```

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(155, 181, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 181, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.1382, 41.6550, 27.7137 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(155, 181, 131) }
```


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

```
.border{ border-color:rgb(155, 181, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 181, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 181, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 181, 131); box-shadow:4px 4px 4px 4px rgb(155, 181, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1382, 41.6550, 27.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 181, 131) }
```

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

```
.background{ background-color: rgb(155,  
181, 131) }
```

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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