

Converting Colors

XYZ(32.1587, 41.4056, 34.3141)

Have a look what the booklet for
XYZ(32.1587, 41.4056, 34.3141)
contains.

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Color

**XYZ(32.1587, 41.4056,
34.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	85B894
RGB	133, 184, 148
RGB Percent	52%, 72%, 58%
CMY	0.4784, 0.2784, 0.4196
CMYK	0.28, 0.00, 0.20, 0.28
HSL	138°, 26%, 62%
HSV	138°, 28%, 72%
XYZ	32.1587, 41.4056, 34.3141
YIQ	164.6470, -18.8400, -22.0080

Conversions

Conversions Part 2

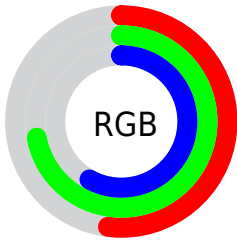
Format	Color
RYB	133, 172, 184
Decimal	8763540
CIELab	70.46, -24.26, 12.96
CIELCh	70, 27.506, 151.879
Yxy	41.4056, 0.2981, 0.3838
Android (android.graphics.Color)	4286953620 (0xFF85B894)
YUV	164.6470, -8.2070, -27.7544
Hunter-Lab	64.3472, -23.3989, 13.4257

Details

The XYZ color **32.1587, 41.4056, 34.3141** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.3176, 29.8311, 41.4346**, and the grayscale version is **35.6405, 37.4966, 40.8338**.

A 20% lighter version of the original color is **62.3143, 77.1492, 67.4841**, and **13.7536, 18.8895, 14.2304** is the 20% darker color. If you saturate the color by 10%, you get **28.5332, 39.6500, 29.0757**, and if you desaturate by 10%, it is **36.4107, 43.4732, 40.1859**.

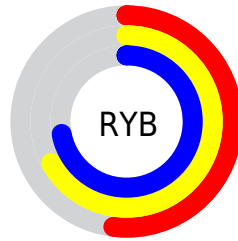
Distribution



Red (52%)

Green (72%)

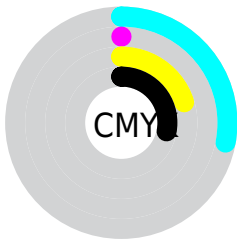
Blue (58%)



Red (52%)

Yellow (67%)

Blue (72%)

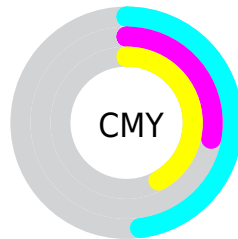


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (28%)



Cyan (48%)


Magenta (28%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1587, 41.4056, 34.3141 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 32.1587, 41.4056, 34.3141 by changing the saturation by 10% instead.


 32.1587, 41.4056,
34.3141


 32.1587, 41.4056,
34.3141


303.5740,
352.0130, 336.3422


 21.6389, 28.6361,
22.8557


 62.4233, 77.2992,
67.5613

 13.7069, 18.8057,
14.2827


 82.8988, 101.1922,
90.1872

 7.9974, 11.5300,
8.1766


 107.4236,
129.5618, 117.3726

 4.1451, 6.4245,
4.1187

136.3630,
162.7924, 149.5361

 1.7845, 3.1049,
1.6907

170.0824,
201.2684, 187.0963

 0.5083, 1.1867,
0.3544

208.9471,

 0.0000, 0.0508,

245.3743, 230.4717

0.0000

253.3225,
295.4943, 280.0808

■ 0.0000, 0.0000,
0.0000

■ 32.1587, 41.4056,
34.3141

■ 32.1587, 41.4056,
34.3141

■ 28.5332, 39.6500,
29.0757

■ 36.4107, 43.4732,
40.1859

■ 25.5006, 38.1859,
24.4467

■ 41.3141, 45.8617,
46.7084

■ 23.0290, 36.9986,
20.4056

■ 46.8965, 48.5861,
53.9021

■ 21.0822, 36.0699,
16.9286

■ 53.1829, 51.6589,
61.7852

■ 19.6192, 35.3793,
13.9901

■ 60.1970, 55.0919,
70.3756

■ 18.5931, 34.9030,
11.5627

■ 67.9614, 58.8965,
79.6905

■ 17.9343, 34.6058,
9.6157

■ 73.9499, 61.7699,
89.6270

■ 17.8098, 34.5499,
9.2344

■ 75.9380, 62.5652,
100.0962

■ 76.4312, 62.7625,
102.6937

Harmonies

Analogous

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



34.9296, 41.4056, 27.0385



32.1587, 41.4056, 34.3141



31.2720, 41.4056, 45.9070

Triad

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



32.1587, 41.4056, 34.3141



39.6412, 41.4056, 74.9099



47.2280, 41.4056, 33.1460

Complementary

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



32.1587, 41.4056, 34.3141



35.3176, 29.8311, 41.4346

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.



48.7226, 41.4056, 44.2702



32.1587, 41.4056, 34.3141



44.1387, 41.4056, 69.7701

Square

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



32.1587, 41.4056, 34.3141



35.3887, 41.4056, 70.8708



47.5515, 41.4056, 57.8993



43.6066, 41.4056, 26.4606

Rectangle

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



32.1587, 41.4056, 34.3141



31.8095, 41.4056, 55.0380



47.5515, 41.4056, 57.8993



48.0078, 41.4056, 36.4084

Sweetspot

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



32.1598, 41.4073, 34.3150



74.4958, 82.9412, 84.1522



37.8561, 44.4723, 28.7798



15.7571, 17.7329, 17.7440



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.



32.1598, 41.4073, 34.3150



54.3264, 73.1341, 56.5250



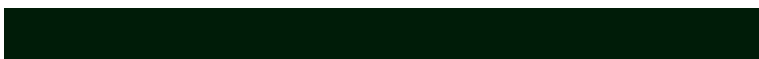
34.3527, 42.2845, 45.8626



8.9961, 10.1024, 10.1369



12.3013, 23.8215, 6.5084



0.4616, 0.8510, 0.3768

Inverse Universe

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



35.3176, 29.8311, 41.4346



60.9595, 48.8031, 71.4689



33.1938, 28.9816, 30.2510



9.2653, 9.1165, 10.7446



16.4271, 8.1446, 15.4018



0.6048, 0.2974, 0.6781

Previews

White Background



This preview shows how the XYZ color 32.1587, 41.4056, 34.3141 looks on a white background.

Color Contrast Check

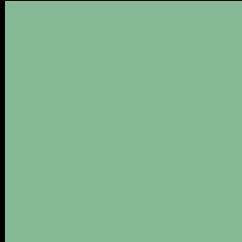
Large Text (above 18pt) WCAG AA × Fail

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 32.1587, 41.4056, 34.3141 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 32.1587, 41.4056, 34.3141

Background



This preview shows how black text looks on a background with the XYZ color 32.1587, 41.4056, 34.3141.



This preview shows how white text looks on a background with the XYZ color 32.1587, 41.4056,

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

32.1587, 41.4056, 34.3141

Protanopia

38.5015, 40.9026, 31.4569

Deuteranopia

41.6283, 40.7794, 35.3829



Tritanopia

36.4193, 41.3093, 55.9232

Trichromacy



Original Color

32.1587, 41.4056, 34.3141

Protanomaly

35.8692, 40.9568, 32.4005

Deuteranomaly

37.3517, 40.5101, 35.1287

Tritanomaly

34.6390, 41.1804, 47.1972

Monochromacy



Original Color

32.1587, 41.4056, 34.3141

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.1474, 38.7806, 38.4865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1587, 41.4056, 34.3141 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(133, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 148)  
}
```

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(133, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.1587, 41.4056, 34.3141 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(133, 184, 148) }
```


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

```
.border{ border-color:rgb(133, 184, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 184, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 148);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1587, 41.4056, 34.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 148) }
```

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

```
.background{ background-color: rgb(133,  
184, 148) }
```

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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