

Converting Colors

XYZ(32.6980, 41.1879, 33.7919)

Have a look what the booklet for
XYZ(32.6980, 41.1879, 33.7919)
contains.

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Color

**XYZ(32.6419, 41.0514,
33.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB693
RGB	139, 182, 147
RGB Percent	55%, 71%, 58%
CMY	0.4549, 0.2863, 0.4235
CMYK	0.24, 0.00, 0.19, 0.29
HSL	131°, 23%, 63%
HSV	131°, 24%, 71%
XYZ	32.6419, 41.0514, 33.8071
YIQ	165.1530, -14.3930, -20.0010

Conversions

Conversions Part 2

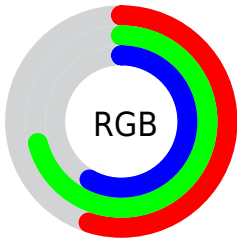
Format	Color
RYB	139, 175, 182
Decimal	9156243
CIELab	70.21, -21.46, 13.21
CIELCh	70, 25.199, 148.378
Yxy	41.0514, 0.3036, 0.3819
Android (android.graphics.Color)	4287346323 (0xFF8BB693)
YUV	165.1530, -8.9494, -22.9362
Hunter-Lab	64.0714, -21.1860, 13.5657

Details

The XYZ color **32.6419, 41.0514, 33.8071** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1654, 31.4673, 44.2139**, and the grayscale version is **35.8850, 37.7539, 41.1139**.

A 20% lighter version of the original color is **63.1095, 76.7036, 66.7374**, and **13.9861, 18.6197, 13.9232** is the 20% darker color. If you saturate the color by 10%, you get **28.7637, 39.1791, 27.9433**, and if you desaturate by 10%, it is **37.1780, 43.2479, 40.4849**.

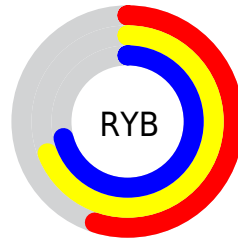
Distribution



Red (55%)

Green (71%)

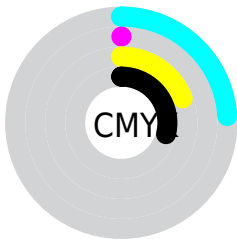
Blue (58%)



Red (55%)

Yellow (69%)

Blue (71%)

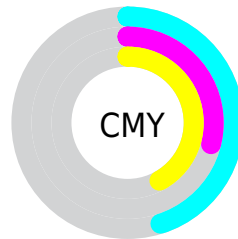


Cyan (24%)

Magenta (0%)

Yellow (19%)

Black (29%)



Cyan (45%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6419, 41.0514, 33.8071 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 32.6419, 41.0514, 33.8071 by changing the saturation by 10% instead.


 32.6419, 41.0514,
33.8071


 32.6419, 41.0514,
33.8071


305.7266,
350.5354, 334.0139


 22.0102, 28.3592,
22.4693


 63.1745, 76.7619,
66.7640

 13.9810, 18.5966,
14.0005


 83.8060, 100.5491,
89.2203

 8.1891, 11.3792,
7.9823

 108.5016,
128.8033, 116.2197

 4.2690, 6.3225,
3.9960

137.6265,
161.9091, 148.1809

 1.8554, 3.0422,
1.6231

171.5461,
200.2508, 185.5223

 0.5507, 1.1538,
0.3073

210.6257,

 0.0000, 0.0235,

244.2129, 228.6626

0.0000

255.2308,
294.1796, 278.0203

■ 0.0000, 0.0000,
0.0000

■ 32.6419, 41.0514,
33.8071

■ 32.6419, 41.0514,
33.8071

■ 28.7637, 39.1791,
27.9433

■ 37.1780, 43.2479,
40.4849

■ 25.5094, 37.6106,
22.8599

■ 42.3973, 45.7776,
48.0035

■ 22.8469, 36.3312,
18.5245

■ 48.3280, 48.6554,
56.3915

■ 20.7398, 35.3230,
14.9020

■ 54.9954, 51.8940,
65.6757

■ 19.1479, 34.5659,
11.9538

■ 62.4239, 55.5053,
75.8815

■ 18.0249, 34.0371,
9.6382

■ 70.6364, 59.5007,
87.0334

■ 17.3164, 33.7093,
7.9084

■ 75.3344, 61.6637,
98.9527

■ 17.0154, 33.5721,
7.0861

■ 76.0187, 61.9374,
102.5562

Harmonies

Analogous

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



35.3658, 41.0514, 27.5322



32.6419, 41.0514, 33.8071



31.6095, 41.0514, 44.0576

Triad

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



32.6419, 41.0514, 33.8071



38.7939, 41.0514, 71.4895



46.4267, 41.0514, 34.7408

Complementary

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



32.6419, 41.0514, 33.8071



36.1654, 31.4673, 44.2139

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.



47.5024, 41.0514, 45.3446



32.6419, 41.0514, 33.8071



42.9136, 41.0514, 67.8302

Square

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



32.6419, 41.0514, 33.8071



35.0026, 41.0514, 66.9840



46.1749, 41.0514, 57.7077



43.3296, 41.0514, 28.0006

Rectangle

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



32.6419, 41.0514, 33.8071



31.9598, 41.0514, 52.2551



46.1749, 41.0514, 57.7077



47.0459, 41.0514, 37.9071

Sweetspot

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



32.6430, 41.0531, 33.8080



73.4149, 81.3190, 82.0905



38.8713, 44.3340, 30.9353



16.0887, 17.8996, 17.9496



88.6918, 93.3107, 101.6153



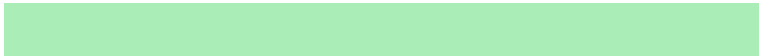
17.8044, 18.7317, 20.3988

Same Dimension

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



32.6430, 41.0531, 33.8080



55.6252, 72.7080, 55.9574



34.4804, 41.7881, 43.4834



8.9568, 10.0867, 9.9298



12.0341, 23.7146, 5.1015



0.4450, 0.8443, 0.2894

Inverse Universe

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



36.1654, 31.4673, 44.2139



63.0534, 52.4862, 77.8964



34.2434, 30.6985, 34.0928



9.3073, 9.1333, 10.9658



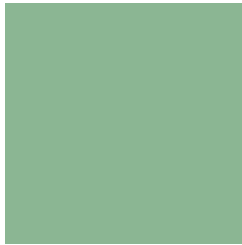
17.4289, 8.5453, 20.6770



0.6332, 0.3088, 0.8280

Previews

White Background



This preview shows how the XYZ color 32.6419, 41.0514, 33.8071 looks on a white background.

Color Contrast Check

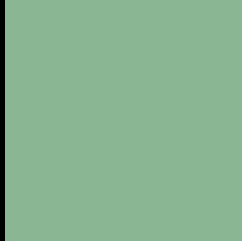
Large Text (above 18pt) WCAG AA × Fail

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 32.6419, 41.0514, 33.8071 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 32.6419, 41.0514, 33.8071

Background



This preview shows how black text looks on a background with the XYZ color 32.6419, 41.0514, 33.8071.



This preview shows how white text looks on a background with the XYZ color 32.6419, 41.0514,

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

32.6419, 41.0514, 33.8071

Protanopia

38.4267, 40.8727, 31.0632

Deuteranopia

41.5467, 40.7467, 34.9533



Tritanopia

36.8522, 40.9714, 54.6812

Trichromacy



Original Color

32.6419, 41.0514, 33.8071

Protanomaly

36.0138, 40.7501, 31.9540

Deuteranomaly

37.7471, 40.4418, 34.6707

Tritanomaly

35.0620, 40.8261, 46.0767

Monochromacy



Original Color

32.6419, 41.0514, 33.8071

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.4448, 38.6624, 37.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6419, 41.0514, 33.8071 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(139, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 147)  
}
```

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(139, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.6419, 41.0514, 33.8071 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(139, 182, 147) }
```


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

```
.border{ border-color:rgb(139, 182, 147) }
```

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

Here you see how a box with a 4 pixel rgb(139, 182, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(139, 182,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6419, 41.0514, 33.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 147) }
```

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

```
.background{ background-color: rgb(139,  
182, 147) }
```

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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