

Converting Colors

XYZ(32.7406, 42.1771, 27.4738)

Have a look what the booklet for
XYZ(32.7406, 42.1771, 27.4738)
contains.

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Color

**XYZ(32.7059, 42.1493,
27.5309)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB982
RGB	143, 185, 130
RGB Percent	56%, 73%, 51%
CMY	0.4392, 0.2745, 0.4902
CMYK	0.23, 0.00, 0.30, 0.27
HSL	106°, 28%, 62%
HSV	106°, 30%, 73%
XYZ	32.7059, 42.1493, 27.5309
YIQ	166.1720, -7.3770, -26.0090

Conversions

Conversions Part 2

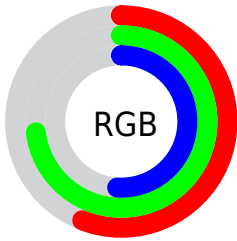
Format	Color
RYB	130, 185, 172
Decimal	9419138
CIELab	70.97, -24.51, 23.49
CIELCh	71, 33.948, 136.225
Yxy	42.1493, 0.3194, 0.4117
Android (android.graphics.Color)	4287609218 (0xFF8FB982)
YUV	166.1720, -17.8328, -20.3218
Hunter-Lab	64.9225, -23.6917, 20.3033

Details

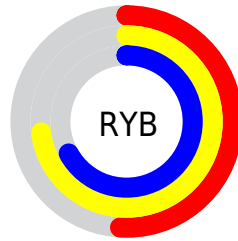
The XYZ color **32.7059, 42.1493, 27.5309** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.7547, 28.2399, 49.5730**, and the grayscale version is **36.4157, 38.3122, 41.7220**.

A 20% lighter version of the original color is **63.2912, 78.3353, 56.5842**, and **14.0136, 19.3059, 10.5772** is the 20% darker color. If you saturate the color by 10%, you get **29.2806, 40.5156, 21.4611**, and if you desaturate by 10%, it is **36.6647, 44.0348, 34.7929**.

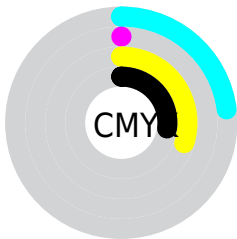
Distribution



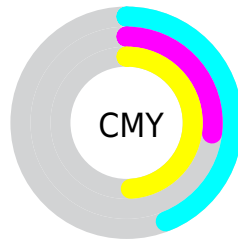
- Red (56%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)





- Cyan (44%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7059, 42.1493, 27.5309 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 32.7059, 42.1493, 27.5309 by changing the saturation by 10% instead.


 32.7059, 42.1493,
27.5309


 32.7059, 42.1493,
27.5309


306.0109,
355.1015, 304.0596

 22.0594, 29.2182,
17.7364


 63.2739, 78.4255,
56.7487

 14.0174, 19.2460,
10.5934


 83.9260, 102.5395,
77.0090

 8.2145, 11.8481,
5.6834


 108.6441,
131.1498, 101.5951

 4.2855, 6.6404,
2.5879

137.7935,
164.6410, 130.9254

 1.8649, 3.2382,
0.8862

171.7395,
203.3973, 165.4184

 0.5563, 1.2573,
0.0000

210.8475,

 0.0000, 0.1078,

247.8032, 205.4928

0.0000

255.4828,
298.2432, 251.5670

■ 0.0000, 0.0000,
0.0000

■ 32.7059, 42.1493,
27.5309

■ 32.7059, 42.1493,
27.5309

■ 29.2806, 40.5156,
21.4611

■ 36.6647, 44.0348,
34.7929

■ 26.3623, 39.1175,
16.5171

■ 41.1757, 46.1766,
43.3032

■ 23.9267, 37.9454,
12.6304


■ 46.2606, 48.5860,
53.1176


■ 21.9465, 36.9869,
9.7239


■ 51.9389, 51.2719,
64.2878

■ 20.3910, 36.2280,
7.7097


■ 58.2293, 54.2429,
76.8627


 19.2258, 35.6532,
6.4845

 65.1495, 57.5071,
90.8886

 18.3957, 35.2385,
5.8465

 71.9827, 60.7789,
102.5453

 18.3766, 35.2290,
5.8313

 76.6398, 63.1797,
102.7633

Harmonies

Analogous

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



37.0971, 42.1493, 22.0000



32.7059, 42.1493, 27.5309



30.3938, 42.1493, 38.8647

Triad

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



32.7059, 42.1493, 27.5309



37.5257, 42.1493, 83.3097



51.4464, 42.1493, 37.7238

Complementary

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



32.7059, 42.1493, 27.5309



33.7547, 28.2399, 49.5730

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.



51.5888, 42.1493, 53.7223



32.7059, 42.1493, 27.5309



43.1801, 42.1493, 82.7975

Square

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



32.7059, 42.1493, 27.5309



32.9941, 42.1493, 72.2786



48.4450, 42.1493, 71.0105



48.0725, 42.1493, 26.8661

Rectangle

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



32.7059, 42.1493, 27.5309



30.1873, 42.1493, 49.3568



48.4450, 42.1493, 71.0105



51.8839, 42.1493, 42.5960

Sweetspot

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



32.7070, 42.1511, 27.5318



74.2443, 82.9361, 78.5120



38.6488, 41.1483, 27.0251



15.7381, 17.7525, 16.4152



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.



32.7070, 42.1511, 27.5318



54.2667, 73.4330, 41.6278



31.5711, 41.4517, 32.6234



9.0838, 10.1598, 9.5892



12.5675, 24.0151, 3.9730



0.4994, 0.8757, 0.1427

Inverse Universe

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



33.7547, 28.2399, 49.5730



56.4475, 44.2974, 87.7797



35.3663, 29.2305, 42.4330



9.1679, 9.0529, 11.3436



13.5415, 6.2921, 31.7539



0.5285, 0.2481, 1.1218

Previews

White Background



This preview shows how the XYZ color 32.7059, 42.1493, 27.5309 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 32.7059, 42.1493, 27.5309 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 32.7059, 42.1493, 27.5309

Background



This preview shows how black text looks on a background with the XYZ color 32.7059, 42.1493, 27.5309.



This preview shows how white text looks on a background with the XYZ color 32.7059, 42.1493,

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

32.7059, 42.1493, 27.5309

Protanopia

38.8949, 41.8069, 25.4216

Deuteranopia

42.5679, 41.6902, 28.3577



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

32.7059, 42.1493, 27.5309

Protanomaly

36.1305, 41.5226, 26.1891

Deuteranomaly

38.2333, 41.4044, 28.1670

Tritanomaly

35.8771, 41.8967, 43.7321

Monochromacy



Original Color

32.7059, 42.1493, 27.5309

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.7939, 39.4561, 35.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7059, 42.1493, 27.5309 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, 185, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 185, 130)  
}
```

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, 185, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 185, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.7059, 42.1493, 27.5309 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, 185, 130) }
```


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

```
.border{ border-color:rgb(143, 185, 130) }
```

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

Here you see how a box with a 4 pixel rgb(143, 185, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 185, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 185, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 185,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7059, 42.1493, 27.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 185, 130) }
```

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

```
.background{ background-color: rgb(143,  
185, 130) }
```

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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