

Converting Colors

XYZ(42.1090, 53.6063, 42.1136)

Have a look what the booklet for
XYZ(42.1090, 53.6063, 42.1136)
contains.

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Color

**XYZ(42.3032, 53.8192,
42.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	9CCEA2
RGB	156, 206, 162
RGB Percent	61%, 81%, 64%
CMY	0.3882, 0.1921, 0.3647
CMYK	0.24, 0.00, 0.21, 0.19
HSL	127°, 34%, 71%
HSV	127°, 24%, 81%
XYZ	42.3032, 53.8192, 42.3409
YIQ	186.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

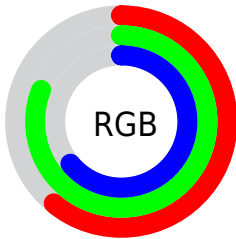
Format	Color
RYB	156, 201, 206
Decimal	10276514
CIELab	78.36, -24.96, 16.70
CIELCh	78, 30.029, 146.207
Yxy	53.8192, 0.3055, 0.3887
Android (android.graphics.Color)	4288466594 (0xFF9CCEA2)
YUV	186.0340, -11.8488, -26.3398
Hunter-Lab	73.3616, -25.4525, 17.1337

Details

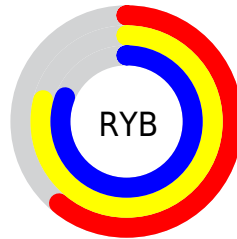
The XYZ color **42.3032, 53.8192, 42.3409** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.7693, 41.0701, 60.0556**, and the grayscale version is **46.7629, 49.1983, 53.5769**.

A 20% lighter version of the original color is **75.1484, 90.3786, 79.1297**, and **19.5900, 26.2021, 18.7769** is the 20% darker color. If you saturate the color by 10%, you get **37.1530, 51.3387, 34.2860**, and if you desaturate by 10%, it is **48.3647, 56.7457, 51.6534**.

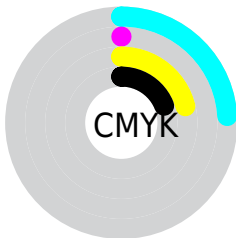
Distribution



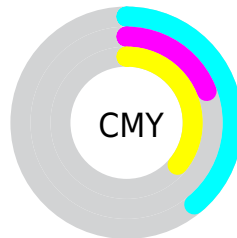
- Red (61%)
- Green (81%)
- Blue (64%)



- Red (61%)
- Yellow (79%)
- Blue (81%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)





- Cyan (39%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3032, 53.8192, 42.3409 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 42.3032, 53.8192, 42.3409 by changing the saturation by 10% instead.


 42.3032, 53.8192,
42.3409


 42.3032, 53.8192,
42.3409


346.7086,
401.4202, 371.7354

 29.5309, 38.4571,
29.0408


 77.9206, 95.8087,
79.9910

 19.6291, 26.3377,
18.8658


 101.4964,
123.2050, 105.1779

 12.2324, 17.0764,
11.3975


129.4041,
155.3814, 135.1643

 6.9755, 10.2890,
6.2174

162.0091,
192.7224, 170.3686

 3.4930, 5.5910,
2.9068

199.6767,
235.6124, 211.2093

 1.4195, 2.5980,
1.0472

242.7722,

 0.2701, 0.9257,

284.4358, 258.1049

0.0000

291.6610,
339.5769, 311.4741

■ 0.0000, 0.0000,
0.0000

■ 42.3032, 53.8192,
42.3409

■ 42.3032, 53.8192,
42.3409

■ 37.1530, 51.3387,
34.2860

■ 48.3647, 56.7457,
51.6534

■ 32.8658, 49.2758,
27.4315

■ 55.3742, 60.1315,
62.2705

■ 29.3954, 47.6096,
21.7209

■ 63.3715, 63.9976,
74.2409

■ 26.6894, 46.3142,
17.0919

■ 72.3931, 68.3619,
87.6100

■ 24.6894, 45.3612,
13.4763

■ 80.9852, 72.4739,
102.3514

■ 23.3284, 44.7174,
10.7980

■ 81.3624, 72.6247,
104.3375

■ 22.5261, 44.3434,
8.9701

■ 22.2448, 44.2137,
8.2657

Harmonies

Analogous

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



46.3112, 53.8192, 34.0411



42.3032, 53.8192, 42.3409



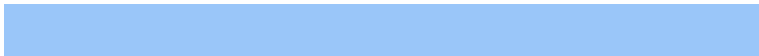
40.6602, 53.8192, 56.4793

Triad

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



42.3032, 53.8192, 42.3409



50.4076, 53.8192, 97.3086



62.0077, 53.8192, 45.4061

Complementary

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



42.3032, 53.8192, 42.3409



47.7693, 41.0701, 60.0556

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.



63.3127, 53.8192, 60.7731



42.3032, 53.8192, 42.3409



56.3222, 53.8192, 92.8021

Square

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



42.3032, 53.8192, 42.3409



45.1067, 53.8192, 89.9159



61.1594, 53.8192, 78.5650



57.7179, 53.8192, 35.5577

Rectangle

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



42.3032, 53.8192, 42.3409



41.0264, 53.8192, 68.1315



61.1594, 53.8192, 78.5650



62.8235, 53.8192, 50.0016

Sweetspot

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



42.3046, 53.8215, 42.3421



86.3583, 95.7996, 95.8274



51.9383, 58.8480, 40.0744



18.3319, 20.4314, 20.2807



0.0000, 0.0000, 0.0000



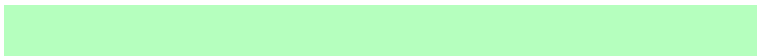
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3046, 53.8215, 42.3421



64.1138, 85.0642, 61.7116



44.7350, 54.7936, 55.1404



11.1219, 12.5585, 12.1994



13.7161, 27.2317, 5.1901



0.7263, 1.4123, 0.3661

Inverse Universe

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



47.7693, 41.0701, 60.0556



74.4279, 60.9896, 95.1395



45.0980, 40.0016, 45.9887



11.6273, 11.3797, 13.8381



20.8509, 10.1510, 27.9973



1.0924, 0.5304, 1.5326

Previews

White Background



This preview shows how the XYZ color 42.3032, 53.8192, 42.3409 looks on a white background.

Color Contrast Check

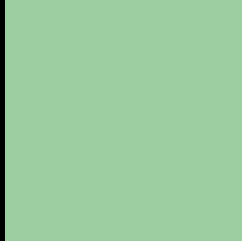
Large Text (above 18pt) WCAG AA × Fail

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 42.3032, 53.8192, 42.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

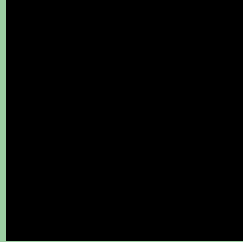
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3032, 53.8192, 42.3409

Background



This preview shows how black text looks on a background with the XYZ color 42.3032, 53.8192, 42.3409.



This preview shows how white text looks on a background with the XYZ color 42.3032, 53.8192,

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

42.3032, 53.8192, 42.3409

Protanopia

50.2476, 53.5194, 39.1344

Deuteranopia

54.2606, 53.2431, 43.4935



Tritanopia

48.2062, 53.7525, 72.1245

Trichromacy



Original Color

42.3032, 53.8192, 42.3409

Protanomaly

46.8592, 53.4216, 40.1894

Deuteranomaly

48.8875, 52.7269, 43.1980

Tritanomaly

45.9846, 53.9080, 60.2062

Monochromacy



Original Color

42.3032, 53.8192, 42.3409

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.6850, 50.4282, 48.9734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3032, 53.8192, 42.3409 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(156, 206, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 206, 162)  
}
```

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(156, 206, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 206, 162) }
```

Border

The CSS property to change the border of an element to XYZ 42.3032, 53.8192, 42.3409 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(156, 206, 162) }
```


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

```
.border{ border-color:rgb(156, 206, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 206, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 206, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 206, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 206,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3032, 53.8192, 42.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 206, 162) }
```

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

```
.background{ background-color: rgb(156,  
206, 162) }
```

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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