

Converting Colors

XYZ(42.0216, 52.0579, 43.4306)

Have a look what the booklet for
XYZ(42.0216, 52.0579, 43.4306)
contains.

| | |
|--|----|
| XYZ(42.2101, 52.3286, 43.4730) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(42.2101, 52.3286,
43.4730)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FCAA5 |
| RGB | 159, 202, 165 |
| RGB Percent | 62%, 79%, 65% |
| CMY | 0.3765, 0.2078, 0.3529 |
| CMYK | 0.21, 0.00, 0.18, 0.21 |
| HSL | 128°, 29%, 71% |
| HSV | 128°, 21%, 79% |
| XYZ | 42.2101, 52.3286, 43.4730 |
| YIQ | 184.9250, -13.7510, -20.6230 |

Conversions

Conversions Part 2

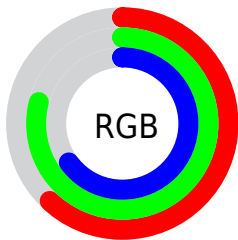
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 159, 197, 202 |
| Decimal | 10472101 |
| CIELab | 77.48, -21.45, 13.90 |
| CIElCh | 77, 25.554, 147.058 |
| Yxy | 52.3286, 0.3058, 0.3792 |
| Android (android.graphics.Color) | 4288662181 (0xFF9FCAA5) |
| YUV | 184.9250, -9.8230, -22.7362 |
| Hunter-Lab | 72.3385, -22.4362, 15.0057 |

Details

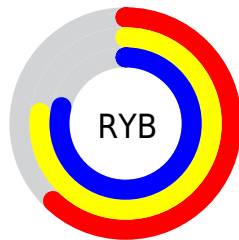
The XYZ color **42.2101, 52.3286, 43.4730** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.7208, 41.3395, 57.7437**, and the grayscale version is **46.1319, 48.5343, 52.8539**.

A 20% lighter version of the original color is **76.4098, 90.9834, 81.2445**, and **19.6339, 25.4979, 19.5095** is the 20% darker color. If you saturate the color by 10%, you get **37.0510, 49.8410, 35.5270**, and if you desaturate by 10%, it is **48.2417, 55.2441, 52.5845**.

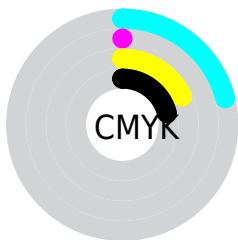
Distribution



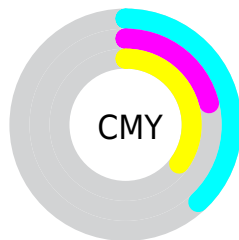
- Red (62%)
- Green (79%)
- Blue (65%)



- Red (62%)
- Yellow (77%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (38%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2101, 52.3286, 43.4730 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 42.2101, 52.3286, 43.4730 by changing the saturation by 10% instead.

■ 42.2101, 52.3286,
43.4730

■ 42.2101, 52.3286,
43.4730

346.3300,
395.7039, 376.5316

■ 29.4577, 37.2671,
29.9223

■ 77.7807, 93.6157,
81.7181

■ 19.5733, 25.4143,
19.5280

■ 101.3295,
120.6100, 107.2496

■ 12.1917, 16.3860,
11.8718

129.2079,
152.3507, 137.6118

■ 6.9475, 9.7977,
6.5350

161.7811,
189.2222, 173.2232

■ 3.4753, 5.2650,
3.0990

199.4146,
231.6089, 214.5023

■ 1.4098, 2.4036,
1.1454

242.4737,

■ 0.2632, 0.8277,

279.8951, 261.8677

0.0000

291.3237,
334.4653, 315.7380

■ 0.0000, 0.0000,
0.0000

■ 42.2101, 52.3286,
43.4730

■ 42.2101, 52.3286,
43.4730

■ 37.0510, 49.8410,
35.5270

■ 48.2417, 55.2441,
52.5845

■ 32.7198, 47.7549,
28.6961

■ 55.1794, 58.5994,
62.9023

■ 29.1744, 46.0511,
22.9316

■ 63.0600, 62.4142,
74.4693

■ 26.3670, 44.7061,
18.1794

■ 71.9171, 66.7048,
87.3254

■ 24.2449, 43.6940,
14.3812

■ 79.9180, 70.5257,
101.4215

■ 22.7480, 42.9852,
11.4723

■ 80.4116, 70.7231,
104.0205

■ 21.8057, 42.5447,
9.3800

■ 21.3334, 42.3279,
8.1561

Harmonies

Analogous

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



45.5550, 52.3286, 36.0885



42.2101, 52.3286, 43.4730



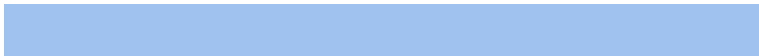
40.8718, 52.3286, 55.5971

Triad

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



42.2101, 52.3286, 43.4730



49.2526, 52.3286, 88.5560



58.6494, 52.3286, 45.5162

Complementary

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



42.2101, 52.3286, 43.4730



46.7208, 41.3395, 57.7437

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.



59.7990, 52.3286, 58.3795



42.2101, 52.3286, 43.4730



54.1669, 52.3286, 84.6816

Square

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



42.2101, 52.3286, 43.4730



44.7661, 52.3286, 82.8827



58.1089, 52.3286, 73.0224



55.0624, 52.3286, 37.1243

Rectangle

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



42.2101, 52.3286, 43.4730



41.2271, 52.3286, 65.3026



58.1089, 52.3286, 73.0224



59.3435, 52.3286, 49.3909

Sweetspot

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



42.2115, 52.3308, 43.4742



87.5956, 96.3937, 97.8635



50.2151, 56.5184, 41.0639



18.5829, 20.5519, 20.6997



0.0000, 0.0000, 0.0000



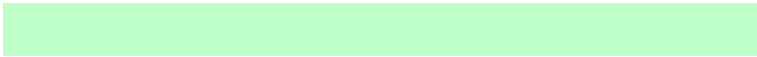
20.3446, 21.4041, 23.3091

Same Dimension

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



42.2115, 52.3308, 43.4742



66.8594, 86.3755, 66.5450



44.3079, 53.1694, 54.5137



11.1307, 12.5620, 12.2459



13.7468, 27.2440, 5.3515



0.7304, 1.4140, 0.3877

Inverse Universe

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



46.7208, 41.3395, 57.7437



75.9691, 64.1646, 95.3676



44.4718, 40.4399, 45.9003



11.6176, 11.3758, 13.7869



20.6028, 10.0517, 26.6908



1.0819, 0.5262, 1.4770

Previews

White Background



This preview shows how the XYZ color 42.2101, 52.3286, 43.4730 looks on a white background.

Color Contrast Check

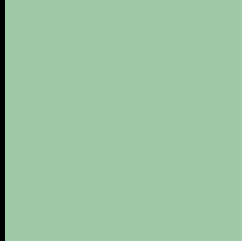
Large Text (above 18pt) WCAG AA × Fail

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 42.2101, 52.3286, 43.4730 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

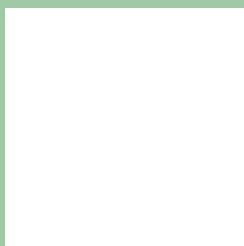
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2101, 52.3286, 43.4730

Background



This preview shows how black text looks on a background with the XYZ color 42.2101, 52.3286, 43.4730.



This preview shows how white text looks on a background with the XYZ color 42.2101, 52.3286,

43.4730.

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

42.2101, 52.3286, 43.4730

Protanopia

48.7589, 51.7476, 40.2193

Deuteranopia

52.9172, 51.8973, 44.7643



Tritanopia

47.4341, 52.3985, 69.2419

Trichromacy



Original Color

42.2101, 52.3286, 43.4730

Protanomaly

45.9745, 51.5959, 41.2541

Deuteranomaly

48.4636, 51.8245, 44.4946

Tritanomaly

45.2415, 52.1757, 58.7254

Monochromacy



Original Color

42.2101, 52.3286, 43.4730

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5712, 49.7061, 49.3646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2101, 52.3286, 43.4730 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(159, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(159, 202, 165)  
}
```

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(159, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 202, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.2101, 52.3286, 43.4730 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(159, 202, 165) }
```


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

```
.border{ border-color:rgb(159, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(159, 202,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2101, 52.3286, 43.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 202, 165) }
```

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

```
.background{ background-color: rgb(159,  
202, 165) }
```

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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