

Converting Colors

XYZ(42.4096, 54.5094, 42.0546)

Have a look what the booklet for
XYZ(42.4096, 54.5094, 42.0546)
contains.

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Color

**XYZ(42.5065, 54.6535,
42.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD0A1
RGB	155, 208, 161
RGB Percent	61%, 82%, 63%
CMY	0.3922, 0.1843, 0.3686
CMYK	0.25, 0.00, 0.23, 0.18
HSL	127°, 36%, 71%
HSV	127°, 25%, 82%
XYZ	42.5065, 54.6535, 42.0271
YIQ	186.7950, -16.5010, -25.8530

Conversions

Conversions Part 2

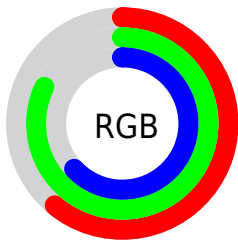
Format	Color
RYB	155, 203, 208
Decimal	10211489
CIELab	78.84, -26.44, 17.90
CIELCh	79, 31.926, 145.898
Yxy	54.6535, 0.3054, 0.3927
Android (android.graphics.Color)	4288401569 (0xFF9BD0A1)
YUV	186.7950, -12.7169, -27.8842
Hunter-Lab	73.9280, -26.7416, 18.0440

Details

The XYZ color **42.5065, 54.6535, 42.0271** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.3963, 41.1181, 61.2653**, and the grayscale version is **47.1958, 49.6537, 54.0728**.

A 20% lighter version of the original color is **74.7330, 90.1795, 78.4333**, and **19.6310, 26.7114, 18.5891** is the 20% darker color. If you saturate the color by 10%, you get **37.3449, 52.1684, 33.9119**, and if you desaturate by 10%, it is **48.5987, 57.5937, 51.4408**.

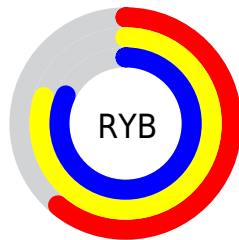
Distribution



Red (61%)

Green (82%)

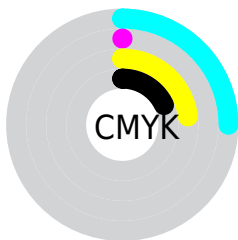
Blue (63%)



Red (61%)

Yellow (80%)

Blue (82%)

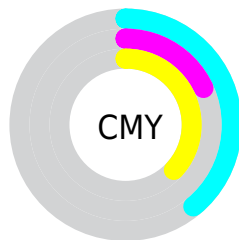


Cyan (25%)

Magenta (0%)

Yellow (23%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5065, 54.6535, 42.0271 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 42.5065, 54.6535, 42.0271 by changing the saturation by 10% instead.

■ 42.5065, 54.6535,
42.0271

■ 42.5065, 54.6535,
42.0271

347.5343,
404.5971, 370.3982

■ 29.6909, 39.1244,
28.7968

■ 78.2260, 97.0331,
79.5112

■ 19.7510, 26.8565,
18.6829

■ 101.8606,
124.6523, 104.6020

■ 12.3214, 17.4655,
11.2669

129.8323,
157.0704, 134.4834

■ 7.0367, 10.5669,
6.1302

162.5064,
194.6717, 169.5740

■ 3.5316, 5.7764,
2.8544

200.2484,
237.8407, 210.2922

■ 1.4407, 2.7096,
1.0208

243.4234,

■ 0.2850, 0.9821,

286.9616, 257.0566

0.0000

292.3969,
342.4190, 310.2858

■ 0.0000, 0.0000,
0.0000

■ 42.5065, 54.6535,
42.0271

■ 42.5065, 54.6535,
42.0271

■ 37.3449, 52.1684,
33.9119

■ 48.5987, 57.5937,
51.4408

■ 33.0637, 50.1092,
27.0349

■ 55.6596, 61.0028,
62.2026

■ 29.6149, 48.4538,
21.3362

■ 63.7306, 64.9027,
74.3641

■ 26.9438, 47.1756,
16.7496

■ 72.8493, 69.3119,
87.9730

■ 24.9893, 46.2445,
13.2025

■ 81.5632, 73.4803,
103.0050

■ 23.6810, 45.6260,
10.6135

■ 81.8469, 73.5938,
104.4990

■ 22.9337, 45.2781,
8.8890

■ 22.7171, 45.1779,
8.3626

Harmonies

Analogous

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



46.8101, 54.6535, 33.3379



42.5065, 54.6535, 42.0271



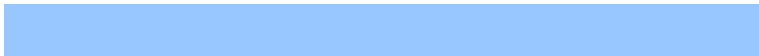
40.7282, 54.6535, 57.0496

Triad

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



42.5065, 54.6535, 42.0271



51.0807, 54.6535, 101.4844



63.6820, 54.6535, 45.5460

Complementary

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



42.5065, 54.6535, 42.0271



48.3963, 41.1181, 61.2653

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.



65.0560, 54.6535, 62.0368



42.5065, 54.6535, 42.0271



57.4456, 54.6535, 96.6929

Square

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



42.5065, 54.6535, 42.0271



45.4173, 54.6535, 93.2874



62.6899, 54.6535, 81.2681



59.0733, 54.6535, 35.0613

Rectangle

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



42.5065, 54.6535, 42.0271



41.0986, 54.6535, 69.5758



62.6899, 54.6535, 81.2681



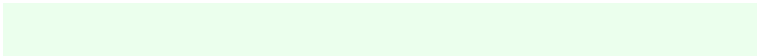
64.5527, 54.6535, 50.4622

Sweetspot

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



42.5080, 54.6558, 42.0283



85.1619, 95.2233, 93.9429



53.0215, 60.1354, 39.8238



17.8552, 20.2016, 19.5403



0.0000, 0.0000, 0.0000



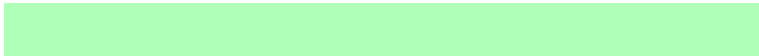
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5080, 54.6558, 42.0283



62.3995, 84.2428, 58.8149



45.0233, 55.6620, 55.2741



11.7100, 13.2277, 12.8290



14.1761, 28.1634, 5.3074



0.8113, 1.5822, 0.3953

Inverse Universe

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



48.3963, 41.1181, 61.2653



73.3979, 58.9480, 94.7392



45.5917, 39.9963, 46.4966



12.2508, 11.9850, 14.5963



21.6569, 10.5356, 29.4293



1.2277, 0.5958, 1.7339

Previews

White Background



This preview shows how the XYZ color 42.5065, 54.6535, 42.0271 looks on a white background.

Color Contrast Check

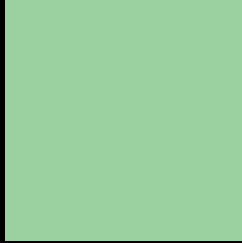
Large Text (above 18pt) WCAG AA × Fail

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 42.5065, 54.6535, 42.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

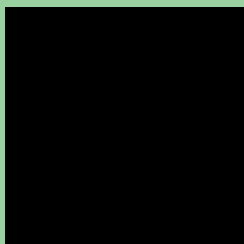
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

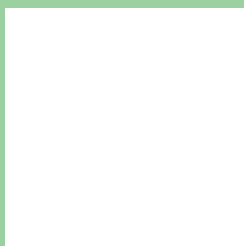
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5065, 54.6535, 42.0271

Background



This preview shows how black text looks on a background with the XYZ color 42.5065, 54.6535, 42.0271.



This preview shows how white text looks on a background with the XYZ color 42.5065, 54.6535,

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

42.5065, 54.6535, 42.0271

Protanopia

50.8566, 54.1821, 38.3496

Deuteranopia

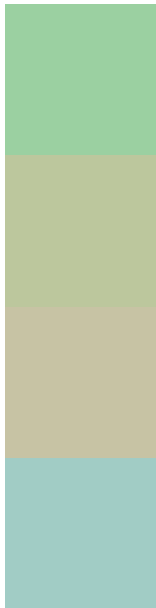
55.3023, 54.1046, 43.1258



Tritanopia

48.9281, 54.7824, 73.6409

Trichromacy



Original Color

42.5065, 54.6535, 42.0271

Protanomaly

47.2483, 53.9725, 39.8258

Deuteranomaly

49.7691, 53.8527, 42.8934

Tritanomaly

46.3689, 54.7940, 60.9557

Monochromacy



Original Color

42.5065, 54.6535, 42.0271

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.2302, 51.3585, 49.6488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5065, 54.6535, 42.0271 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(155, 208, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 208, 161)  
}
```

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(155, 208, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.5065, 54.6535, 42.0271 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(155, 208, 161) }
```


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

```
.border{ border-color:rgb(155, 208, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 208, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 208,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5065, 54.6535, 42.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 208, 161) }
```

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

```
.background{ background-color: rgb(155,  
208, 161) }
```

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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