

Converting Colors

XYZ(42.4197, 58.3121, 44.1416)

Have a look what the booklet for
XYZ(42.4197, 58.3121, 44.1416)
contains.

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Color

**XYZ(42.4197, 58.3121,
44.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	8BDAA4
RGB	139, 218, 164
RGB Percent	55%, 85%, 64%
CMY	0.4549, 0.1451, 0.3569
CMYK	0.36, 0.00, 0.25, 0.15
HSL	139°, 52%, 70%
HSV	139°, 36%, 85%
XYZ	42.4197, 58.3121, 44.1416
YIQ	188.2230, -29.7500, -33.5420

Conversions

Conversions Part 2

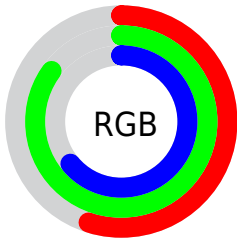
Format	Color
RYB	139, 199, 218
Decimal	9165476
CIELab	80.91, -35.62, 19.07
CIELCh	81, 40.404, 151.841
Yxy	58.3121, 0.2928, 0.4025
Android (android.graphics.Color)	4287355556 (0xFF8BDAA4)
YUV	188.2230, -11.9419, -43.1686
Hunter-Lab	76.3624, -34.4764, 19.1808

Details

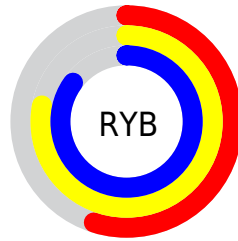
The XYZ color **42.4197, 58.3121, 44.1416** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **47.7736, 37.2222, 55.1209**, and the grayscale version is **48.0059, 50.5059, 55.0009**.

A 20% lighter version of the original color is **71.0519, 88.2366, 80.3044**, and **19.7681, 29.2955, 19.9419** is the 20% darker color. If you saturate the color by 10%, you get **37.8685, 56.1140, 37.3110**, and if you desaturate by 10%, it is **47.8575, 60.9523, 51.8394**.

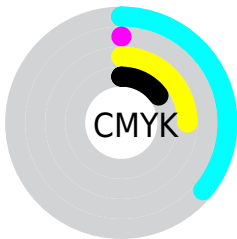
Distribution



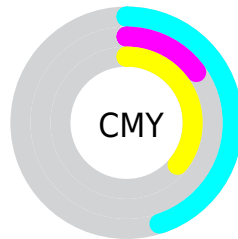
- Red (55%)
- Green (85%)
- Blue (64%)



- Red (55%)
- Yellow (78%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4197, 58.3121, 44.1416 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 42.4197, 58.3121, 44.1416 by changing the saturation by 10% instead.


 42.4197, 58.3121,
44.1416


 42.4197, 58.3121,
44.1416


347.1819,
418.3479, 379.3440

 29.6226, 42.0596,
30.4438


 78.0956, 102.3772,
82.7355

 19.6990, 29.1480,
19.9208


 101.7052,
130.9586, 108.4688

 12.2834, 19.1928,
12.1540


 129.6496,
164.4185, 139.0509

 7.0106, 11.8097,
6.7248

162.2942,
203.1411, 174.9005

 3.5151, 6.6142,
3.2148

200.0044,
247.5110, 216.4360

 1.4316, 3.2220,
1.2053

243.1455,

 0.2786, 1.2487,

297.9125, 264.0761

0.0000

292.0829,
354.7300, 318.2393

■ 0.0000, 0.1010,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.4197, 58.3121,
44.1416

■ 42.4197, 58.3121,
44.1416

■ 37.8685, 56.1140,
37.3110

■ 47.8575, 60.9523,
51.8394

■ 34.1505, 54.3262,
31.3131

■ 54.2222, 64.0499,
60.4294

■ 31.2135, 52.9241,
26.1167

■ 61.5573, 67.6283,
69.9407

■ 28.9972, 51.8773,
21.6873

■ 69.9018, 71.7072,
80.3997

■ 27.4319, 51.1506,
17.9875

■ 79.2929, 76.3052,
91.8318

■ 26.4312, 50.7003,
14.9767

■ 84.1079, 78.5231,
103.9965

■ 26.1463, 50.5745,
14.0120

■ 84.3625, 78.6250,
105.3375

Harmonies

Analogous

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



47.3650, 58.3121, 31.8513



42.4197, 58.3121, 44.1416



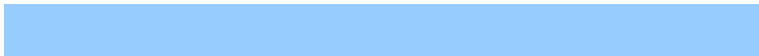
40.8536, 58.3121, 64.9828

Triad

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



42.4197, 58.3121, 44.1416



55.9421, 58.3121, 121.5498



70.2397, 58.3121, 42.1611

Complementary

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



42.4197, 58.3121, 44.1416



47.7736, 37.2222, 55.1209

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.



73.1022, 58.3121, 62.0241



42.4197, 58.3121, 44.1416



64.3487, 58.3121, 111.2083

Square

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



42.4197, 58.3121, 44.1416



48.1753, 58.3121, 113.3717



70.8463, 58.3121, 87.8033



63.3654, 58.3121, 30.9264

Rectangle

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



42.4197, 58.3121, 44.1416



41.7959, 58.3121, 82.2148



70.8463, 58.3121, 87.8033



71.7324, 58.3121, 47.8521

Sweetspot

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



42.4212, 58.3145, 44.1429



82.5379, 93.8888, 92.9969



52.0589, 63.5187, 33.9432



17.3625, 19.9478, 19.5101



0.0000, 0.0000, 0.0000



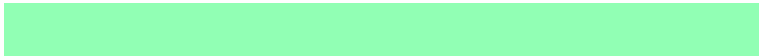
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4212, 58.3145, 44.1429



55.7420, 80.8689, 55.8774



46.4050, 59.9080, 65.1213



13.0554, 14.6738, 14.7549



15.7069, 30.3154, 8.6221



1.0560, 1.9793, 0.7608

Inverse Universe

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



47.7736, 37.2222, 55.1209



64.3772, 46.8012, 73.5600



44.0473, 35.7317, 35.4986



13.4299, 13.2011, 15.5251



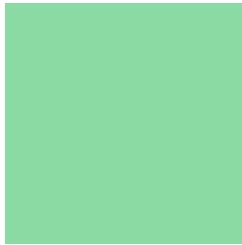
20.6236, 10.2505, 18.1959



1.3745, 0.6794, 1.3811

Previews

White Background



This preview shows how the XYZ color 42.4197, 58.3121, 44.1416 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 42.4197, 58.3121, 44.1416 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 42.4197, 58.3121, 44.1416

Background



This preview shows how black text looks on a background with the XYZ color 42.4197, 58.3121, 44.1416.



This preview shows how white text looks on a background with the XYZ color 42.4197, 58.3121,

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

42.4197, 58.3121, 44.1416

Protanopia

54.0112, 57.8212, 39.3243

Deuteranopia

58.6442, 57.3868, 45.5220



Tritanopia

49.8606, 58.3146, 81.3010

Trichromacy



Original Color

42.4197, 58.3121, 44.1416



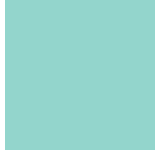
Protanomaly

48.7341, 57.5334, 40.8842



Deuteranomaly

50.8877, 56.4336, 44.7699



Tritanomaly

46.7260, 58.1512, 65.8883

Monochromacy



Original Color

42.4197, 58.3121, 44.1416



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

45.1377, 52.6476, 50.4308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4197, 58.3121, 44.1416 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, 218, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 218, 164)  
}
```

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, 218, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 218, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.4197, 58.3121, 44.1416 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, 218, 164) }
```


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

```
.border{ border-color:rgb(139, 218, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 218, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 218, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 218, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 218,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4197, 58.3121, 44.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 218, 164) }
```

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

```
.background{ background-color: rgb(139,  
218, 164) }
```

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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