

Converting Colors

XYZ(42.8825, 54.2571, 50.1430)

Have a look what the booklet for
XYZ(42.8825, 54.2571, 50.1430)
contains.

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Color

**XYZ(42.9264, 54.3240,
50.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	96CFB2
RGB	150, 207, 178
RGB Percent	59%, 81%, 70%
CMY	0.4118, 0.1882, 0.3020
CMYK	0.28, 0.00, 0.14, 0.19
HSL	149°, 37%, 70%
HSV	149°, 28%, 81%
XYZ	42.9264, 54.3240, 50.3426
YIQ	186.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

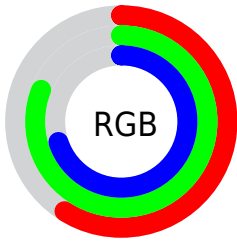
Format	Color
RYB	150, 188, 207
Decimal	9883570
CIELab	78.65, -24.36, 8.54
CIELCh	79, 25.811, 160.682
Yxy	54.3240, 0.2908, 0.3681
Android (android.graphics.Color)	4288073650 (0xFF96CFB2)
YUV	186.6510, -4.2649, -32.1429
Hunter-Lab	73.7048, -25.0233, 11.0965

Details

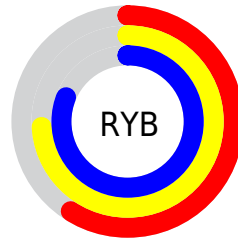
The XYZ color **42.9264, 54.3240, 50.3426** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.7771, 38.3342, 47.6894**, and the grayscale version is **47.0719, 49.5233, 53.9309**.

A 20% lighter version of the original color is **75.7881, 90.4396, 91.3040**, and **19.8597, 26.4785, 23.4662** is the 20% darker color. If you saturate the color by 10%, you get **38.4315, 52.1258, 44.8229**, and if you desaturate by 10%, it is **48.1784, 56.9061, 56.3240**.

Distribution



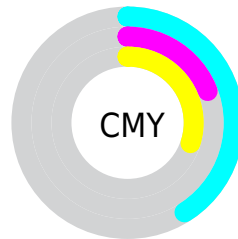
- Red (59%)
- Green (81%)
- Blue (70%)



- Red (59%)
- Yellow (74%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)





- Cyan (41%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9264, 54.3240, 50.3426 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 42.9264, 54.3240, 50.3426 by changing the saturation by 10% instead.


 42.9264, 54.3240,
50.3426


 42.9264, 54.3240,
50.3426


349.2356,
403.3443, 404.7776

 30.0216, 38.8608,
35.3126


 78.8562, 96.5498,
92.0838

 20.0032, 26.6514,
23.6183


 102.6119,
124.0811, 119.6321

 12.5056, 17.3116,
14.8411


130.7154,
156.4040, 152.1902

 7.1637, 10.4569,
8.5626

163.5319,
193.9027, 190.1768

 3.6119, 5.7029,
4.3641

201.4268,
236.9617, 234.0102

 1.4850, 2.6653,
1.8271

244.7655,

 0.3156, 0.9596,

285.9654, 284.1092

0.4458

293.9133,
341.2981, 340.8921

■ 0.0000, 0.0000,
0.0000

■ 42.9264, 54.3240,
50.3426

■ 42.9264, 54.3240,
50.3426

■ 38.4315, 52.1258,
44.8229

■ 48.1784, 56.9061,
56.3240

■ 34.6520, 50.2858,
39.7499

■ 54.2176, 59.8829,
62.7741

■ 31.5488, 48.7854,
35.1133

■ 61.0778, 63.2732,
69.7046

■ 29.0772, 47.6019,
30.9006

■ 68.7896, 67.0925,
77.1255

■ 27.1866, 46.7095,
27.0991

■ 77.3818, 71.3555,
85.0465

■ 25.8182, 46.0780,
23.6950

■ 79.4602, 72.2502,
93.1298

■ 24.8904, 45.6656,
20.6727

■ 81.0813, 72.8986,
101.6667

■ 24.6963, 45.5806,
19.9840

■ 81.6038, 73.1076,
104.4179

Harmonies

Analogous

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



45.5050, 54.3240, 40.3169



42.9264, 54.3240, 50.3426



42.5896, 54.3240, 64.5061

Triad

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



42.9264, 54.3240, 50.3426



53.4713, 54.3240, 91.2377



59.4271, 54.3240, 42.6758

Complementary

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



42.9264, 54.3240, 50.3426



44.7771, 38.3342, 47.6894

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.



61.8744, 54.3240, 54.0982



42.9264, 54.3240, 50.3426



58.2886, 54.3240, 83.0878

Square

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



42.9264, 54.3240, 50.3426



48.4589, 54.3240, 89.7854



61.4446, 54.3240, 68.9281



54.9435, 54.3240, 36.4203

Rectangle

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



42.9264, 54.3240, 50.3426



43.6556, 54.3240, 74.6580



61.4446, 54.3240, 68.9281



60.5281, 54.3240, 45.9529

Sweetspot

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



42.9279, 54.3263, 50.3438



86.3126, 95.6836, 100.0024



46.5143, 56.4675, 37.3027



18.1435, 20.3169, 21.0586



0.0000, 0.0000, 0.0000



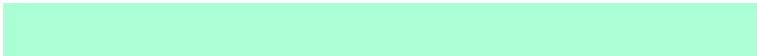
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9279, 54.3263, 50.3438



64.4289, 84.9239, 75.4059



46.0390, 55.5707, 66.7266



11.8949, 13.3017, 13.8028



15.6067, 28.7356, 12.8409



0.9127, 1.6227, 0.9289

Inverse Universe

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



44.7771, 38.3342, 47.6894



67.8695, 55.1671, 70.4656



42.2219, 37.3121, 34.2344



12.0561, 11.9072, 13.5714



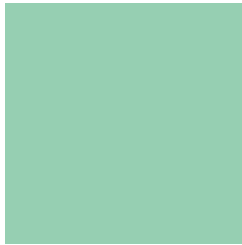
17.8773, 9.0237, 9.5257



1.0396, 0.5206, 0.7435

Previews

White Background



This preview shows how the XYZ color 42.9264, 54.3240, 50.3426 looks on a white background.

Color Contrast Check

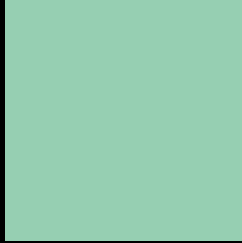
Large Text (above 18pt) WCAG AA × Fail

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 42.9264, 54.3240, 50.3426 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 42.9264, 54.3240, 50.3426

Background



This preview shows how black text looks on a background with the XYZ color 42.9264, 54.3240, 50.3426.



This preview shows how white text looks on a background with the XYZ color 42.9264, 54.3240,

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

42.9264, 54.3240, 50.3426

Protanopia

51.0493, 53.7767, 46.2174

Deuteranopia

54.8291, 53.6698, 51.7255



Tritanopia

47.6421, 54.1043, 74.2618

Trichromacy



Original Color

42.9264, 54.3240, 50.3426

Protanomaly

47.6012, 53.6345, 47.8880

Deuteranomaly

49.6246, 53.2572, 51.3802

Tritanomaly

45.6530, 53.9922, 64.5153

Monochromacy



Original Color

42.9264, 54.3240, 50.3426

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.3991, 51.0429, 52.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9264, 54.3240, 50.3426 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(150, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 178)  
}
```

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(150, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.9264, 54.3240, 50.3426 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(150, 207, 178) }
```


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

```
.border{ border-color:rgb(150, 207, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9264, 54.3240, 50.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 178) }
```

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

```
.background{ background-color: rgb(150,  
207, 178) }
```

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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