

Converting Colors

XYZ(42.3837, 50.5644, 64.6528)

Have a look what the booklet for
XYZ(42.3837, 50.5644, 64.6528)
contains.

XYZ(42.4209, 50.5874, 64.6553)	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(42.4209, 50.5874,
64.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC6CC
RGB	143, 198, 204
RGB Percent	56%, 78%, 80%
CMY	0.4392, 0.2235, 0.2000
CMYK	0.30, 0.03, 0.00, 0.20
HSL	186°, 37%, 68%
HSV	186°, 30%, 80%
XYZ	42.4209, 50.5874, 64.6553
YIQ	182.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

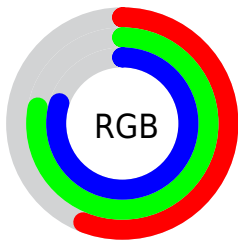
Format	Color
RYB	143, 172, 204
Decimal	9422540
CIELab	76.43, -16.29, -8.74
CIELCh	76, 18.491, 208.224
Yxy	50.5874, 0.2691, 0.3209
Android (android.graphics.Color)	4287612620 (0xFF8FC6CC)
YUV	182.2390, 10.7282, -34.4126
Hunter-Lab	71.1248, -18.0059, -4.1096

Details

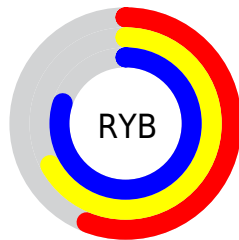
The XYZ color **42.4209, 50.5874, 64.6553** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6080, 36.3161, 30.8573**, and the grayscale version is **44.5518, 46.8719, 51.0435**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **19.6947, 24.3222, 32.5108** is the 20% darker color. If you saturate the color by 10%, you get **38.7504, 48.0202, 64.3541**, and if you desaturate by 10%, it is **46.7427, 53.5018, 64.9909**.

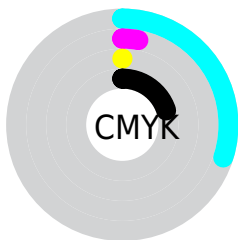
Distribution



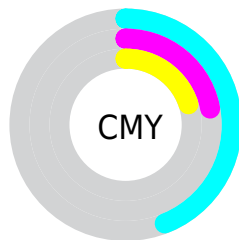
- Red (56%)
- Green (78%)
- Blue (80%)



- Red (56%)
- Yellow (67%)
- Blue (80%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)





- Cyan (44%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4209, 50.5874, 64.6553 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 42.4209, 50.5874, 64.6553 by changing the saturation by 10% instead.


 42.4209, 50.5874,
64.6553


 42.4209, 50.5874,
64.6553


347.1868,
388.9586, 459.8245

 29.6236, 35.8803,
46.7321


 78.0974, 91.0446,
113.1627

 19.6997, 24.3418,
32.4711


 101.7073,
117.5635, 144.5839

 12.2839, 15.5874,
21.4538


129.6521,
148.7885, 181.3415

 7.0109, 9.2326,
13.2616

162.2971,
185.1040, 223.8540

 3.5153, 4.8932,
7.4761

200.0077,
226.8944, 272.5401

 1.4318, 2.1848,
3.6787

243.1493,

 0.2787, 0.7117,

274.5440, 327.8181

1.4508

292.0872,
328.4373, 390.1068

■ 0.0000, 0.0000,
0.1808

■ 0.0000, 0.0000,
0.0000

■ 42.4209, 50.5874,
64.6553

■ 42.4209, 50.5874,
64.6553

■ 38.7504, 48.0202,
64.3541

■ 46.7427, 53.5018,
64.9909

■ 35.6917, 45.7763,
64.0822

■ 51.7435, 56.7741,
65.3589

■ 33.2083, 43.8378,
63.8389

■ 57.4549, 60.4217,
65.7620

■ 31.2577, 42.1828,
63.6223

■ 63.9051, 64.4594,
66.2014

■ 29.7915, 40.7865,
63.4300

■ 71.1208, 68.9008,
66.6783

■ 28.7523, 39.6192,
63.2595

■ 75.1955, 71.7322,
67.0101

■ 28.0344, 38.6263,
63.1057

■ 75.6940, 72.7291,
67.1762

■ 28.0278, 38.6167,
63.1042

■ 76.1987, 73.7386,
67.3445

■ 76.7097, 74.7605,
67.5148

Harmonies

Analogous

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



41.6958, 50.5874, 54.4890



42.4209, 50.5874, 64.6553



44.6418, 50.5874, 73.0414

Triad

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



42.4209, 50.5874, 64.6553



54.0007, 50.5874, 65.8073



48.2896, 50.5874, 38.0535

Complementary

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



42.4209, 50.5874, 64.6553



40.6080, 36.3161, 30.8573

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.



51.6942, 50.5874, 40.3364



42.4209, 50.5874, 64.6553



55.0886, 50.5874, 55.6774

Square

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



42.4209, 50.5874, 64.6553



51.3179, 50.5874, 73.7610



54.2252, 50.5874, 46.5020



44.9847, 50.5874, 39.8555

Rectangle

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



42.4209, 50.5874, 64.6553



46.7284, 50.5874, 76.0638



54.2252, 50.5874, 46.5020



49.4611, 50.5874, 38.3625

Sweetspot

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



42.4224, 50.5894, 64.6565



86.3893, 94.4728, 108.2896



38.2736, 51.1672, 35.9119



18.2111, 20.0403, 23.1583



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.



42.4224, 50.5894, 64.6565



66.1429, 80.9231, 106.7414



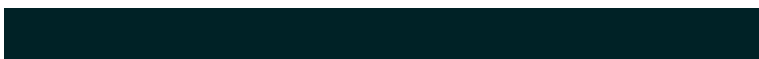
36.3076, 38.3599, 62.6182



11.4453, 12.5311, 14.3859



17.6791, 24.3822, 39.7307



0.9400, 1.3138, 2.0590

Inverse Universe

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



44.9186, 36.5608, 58.1177



71.0032, 54.1777, 93.8825



45.8975, 46.8951, 32.6205



11.6382, 11.3840, 13.8951



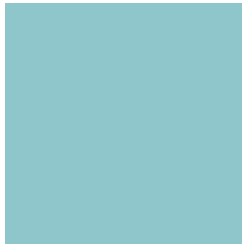
21.1345, 10.2644, 29.4907



1.1044, 0.5352, 1.5957

Previews

White Background



This preview shows how the XYZ color 42.4209, 50.5874, 64.6553 looks on a white background.

Color Contrast Check

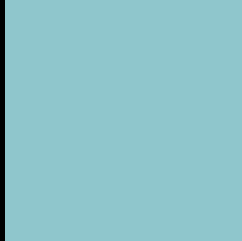
Large Text (above 18pt) WCAG AA × Fail

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 42.4209, 50.5874, 64.6553 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 42.4209, 50.5874, 64.6553

Background



This preview shows how black text looks on a background with the XYZ color 42.4209, 50.5874, 64.6553.

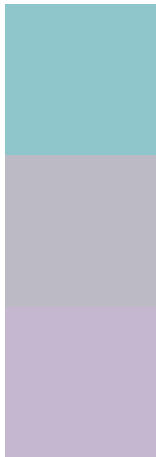


This preview shows how white text looks on a background with the XYZ color 42.4209, 50.5874,

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

42.4209, 50.5874, 64.6553

Protanopia

48.5874, 50.2632, 59.9643

Deuteranopia

51.2219, 50.2423, 66.0295



Tritanopia

43.5270, 50.7057, 69.7804

Trichromacy



Original Color

42.4209, 50.5874, 64.6553

Protanomaly

46.0694, 50.2024, 61.9055

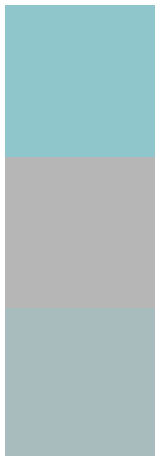
Deuteranomaly

47.2553, 49.7698, 65.5084

Tritanomaly

42.9765, 50.4652, 67.7973

Monochromacy



Original Color

42.4209, 50.5874, 64.6553

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4259, 48.0090, 55.6931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4209, 50.5874, 64.6553 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(143, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 204)  
}
```

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(143, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.4209, 50.5874, 64.6553 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(143, 198, 204) }
```


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

```
.border{ border-color:rgb(143, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4209, 50.5874, 64.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 204) }
```

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

```
.background{ background-color: rgb(143,  
198, 204) }
```

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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