

Converting Colors

XYZ(50.3544, 59.6772, 64.7449)

Have a look what the booklet for
XYZ(50.3544, 59.6772, 64.7449)
contains.

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Color

**XYZ(50.3526, 59.6761,
64.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D4CA
RGB	168, 212, 202
RGB Percent	66%, 83%, 79%
CMY	0.3412, 0.1686, 0.2078
CMYK	0.21, 0.00, 0.05, 0.17
HSL	166°, 34%, 75%
HSV	166°, 21%, 83%
XYZ	50.3526, 59.6761, 64.7419
YIQ	197.7040, -23.0140, -12.4380

Conversions

Conversions Part 2

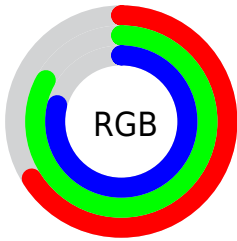
Format	Color
RYB	168, 193, 212
Decimal	11064522
CIELab	81.66, -16.38, 0.20
CIELCh	82, 16.383, 179.289
Yxy	59.6761, 0.2881, 0.3415
Android (android.graphics.Color)	4289254602 (0xFFA8D4CA)
YUV	197.7040, 2.1179, -26.0504
Hunter-Lab	77.2503, -18.8398, 4.3855

Details

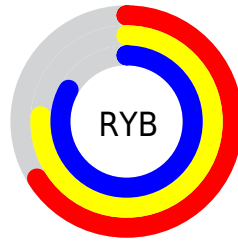
The XYZ color **50.3526, 59.6761, 64.7419** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1920, 45.2182, 48.2573**, and the grayscale version is **53.4958, 56.2817, 61.2908**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **24.4725, 29.8969, 32.4978** is the 20% darker color. If you saturate the color by 10%, you get **45.6406, 57.3135, 61.5899**, and if you desaturate by 10%, it is **55.8217, 62.4301, 68.0249**.

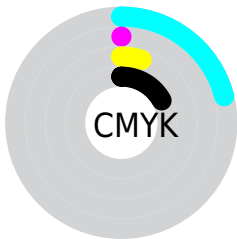
Distribution



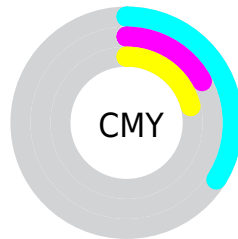
- Red (66%)
- Green (83%)
- Blue (79%)



- Red (66%)
- Yellow (76%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (34%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3526, 59.6761, 64.7419 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 50.3526, 59.6761, 64.7419 by changing the saturation by 10% instead.

 50.3526, 59.6761,
64.7419


 50.3526, 59.6761,
64.7419


378.4725,
423.4029, 460.1447

 35.9126, 43.1576,
46.8018


 89.8858, 104.3597,
113.2884

 24.5365, 30.0088,
32.5258


 115.7097,
133.2935, 144.7319

 15.8589, 19.8453,
21.4953


146.0589,
167.1347, 181.5137

 9.5146, 12.2826,
13.2918

181.2988,
206.2674, 224.0522

 5.1381, 6.9365,
7.4967

221.7948,
251.0762, 272.7660

 2.3641, 3.4224,
3.6915

267.9121,

 0.8272, 1.3560,

301.9455, 328.0737

1.4577

320.0162,
359.2596, 390.3937

■ 0.0000, 0.1840,
0.1861

■ 0.0000, 0.0000,
0.0000

■ 50.3526, 59.6761,
64.7419

■ 50.3526, 59.6761,
64.7419

■ 45.6406, 57.3135,
61.5899

■ 55.8217, 62.4301,
68.0249

■ 41.6447, 55.3164,
58.5624

■ 62.0761, 65.5854,
71.4372

■ 38.3281, 53.6674,
55.6580

■ 69.1488, 69.1603,
74.9825

■ 35.6481, 52.3447,
52.8740

■ 77.0695, 73.1704,
78.6630

■ 33.5575, 51.3238,
50.2071

■ 78.5256, 73.8456,
82.1373

■ 32.0021, 50.5769,
47.6540

■ 79.1968, 74.1141,
85.6719

■ 30.9177, 50.0708,
45.2109

■ 79.8868, 74.3901,
89.3051

■ 30.2283, 49.7627,
43.0443

■ 80.5956, 74.6736,
93.0379

■ 81.3235, 74.9648,
96.8710

Harmonies

Analogous

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



51.2149, 59.6761, 55.7639



50.3526, 59.6761, 64.7419



51.1382, 59.6761, 74.7045

Triad

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



50.3526, 59.6761, 64.7419



60.0223, 59.6761, 82.9627



60.1703, 59.6761, 49.9966

Complementary

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



50.3526, 59.6761, 64.7419



49.1920, 45.2182, 48.2573

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.



62.6947, 59.6761, 56.1331



50.3526, 59.6761, 64.7419



62.6068, 59.6761, 75.1530

Square

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



50.3526, 59.6761, 64.7419



56.6381, 59.6761, 85.8474



63.6035, 59.6761, 65.2129



56.8026, 59.6761, 47.7972

Rectangle

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



50.3526, 59.6761, 64.7419



52.5095, 59.6761, 80.4404



63.6035, 59.6761, 65.2129



61.1505, 59.6761, 51.6346

Sweetspot

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



50.3543, 59.6786, 64.7432



89.0884, 96.9908, 105.7244



49.0346, 59.4133, 45.9302



18.9355, 20.6929, 22.5563



0.0000, 0.0000, 0.0000



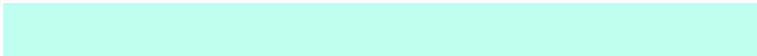
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3543, 59.6786, 64.7432



73.1126, 88.9503, 96.1500



48.7500, 54.5127, 70.2429



12.6658, 14.0573, 15.3204



18.7002, 30.7354, 26.7809



1.1582, 1.8659, 1.7746

Inverse Universe

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



49.1920, 45.2182, 48.2573



71.0346, 63.0744, 66.6590



50.4887, 49.3609, 43.9133



12.5377, 12.4666, 13.5060



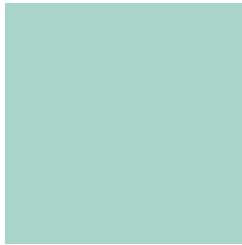
17.1255, 8.7865, 2.6988



1.0650, 0.5428, 0.3316

Previews

White Background



This preview shows how the XYZ color 50.3526, 59.6761, 64.7419 looks on a white background.

Color Contrast Check

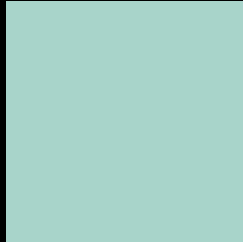
Large Text (above 18pt) WCAG AA × Fail

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 50.3526, 59.6761, 64.7419 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

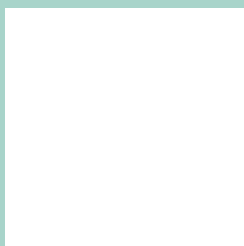
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3526, 59.6761, 64.7419

Background



This preview shows how black text looks on a background with the XYZ color 50.3526, 59.6761, 64.7419.



This preview shows how white text looks on a background with the XYZ color 50.3526, 59.6761,

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

50.3526, 59.6761, 64.7419

Protanopia

56.8165, 59.4920, 60.7131

Deuteranopia

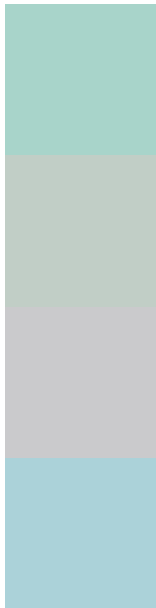
60.5782, 59.2598, 66.0031



Tritanopia

53.6247, 59.9214, 79.9738

Trichromacy



Original Color

50.3526, 59.6761, 64.7419

Protanomaly

54.2567, 59.5573, 62.0622

Deuteranomaly

56.3767, 59.1572, 65.5739

Tritanomaly

52.3656, 59.7609, 74.4207

Monochromacy



Original Color

50.3526, 59.6761, 64.7419

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.1583, 57.4002, 62.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3526, 59.6761, 64.7419 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(168, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(168, 212, 202)  
}
```

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(168, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 212, 202) }
```

Border

The CSS property to change the border of an element to XYZ 50.3526, 59.6761, 64.7419 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(168, 212, 202) }
```


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

```
.border{ border-color:rgb(168, 212, 202) }
```

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

Here you see how a box with a 4 pixel rgb(168, 212, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(168, 212,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3526, 59.6761, 64.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 212, 202) }
```

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

```
.background{ background-color: rgb(168,  
212, 202) }
```

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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