

Converting Colors

XYZ(42.1656, 50.2803, 47.9364)

Have a look what the booklet for
XYZ(42.1656, 50.2803, 47.9364)
contains.

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Color

**XYZ(42.1757, 50.1521,
48.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C4AF
RGB	161, 196, 175
RGB Percent	63%, 77%, 69%
CMY	0.3686, 0.2314, 0.3137
CMYK	0.18, 0.00, 0.11, 0.23
HSL	144°, 23%, 70%
HSV	144°, 18%, 77%
XYZ	42.1757, 50.1521, 48.0149
YIQ	183.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

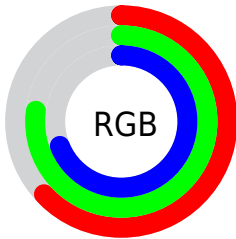
Format	Color
RYB	161, 186, 196
Decimal	10601647
CIELab	76.16, -15.88, 6.67
CIELCh	76, 17.228, 157.221
Yxy	50.1521, 0.3005, 0.3574
Android (android.graphics.Color)	4288791727 (0xFFA1C4AF)
YUV	183.1410, -4.0135, -19.4177
Hunter-Lab	70.8181, -17.6262, 9.3739

Details

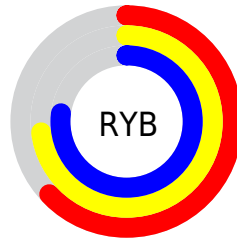
The XYZ color **42.1757, 50.1521, 48.0149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9550, 40.6040, 49.7787**, and the grayscale version is **45.1151, 47.4646, 51.6889**.

A 20% lighter version of the original color is **77.8680, 90.6190, 88.9884**, and **19.5548, 24.0273, 22.3460** is the 20% darker color. If you saturate the color by 10%, you get **37.4261, 47.8327, 42.0237**, and if you desaturate by 10%, it is **47.6479, 52.8352, 54.5673**.

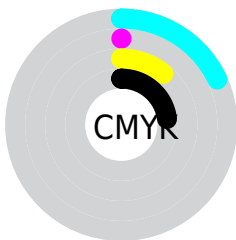
Distribution



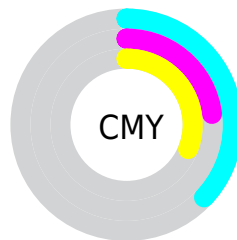
- Red (63%)
- Green (77%)
- Blue (69%)



- Red (63%)
- Yellow (73%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)



- Cyan (37%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1757, 50.1521, 48.0149 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 42.1757, 50.1521, 48.0149 by changing the saturation by 10% instead.

■ 42.1757, 50.1521,
48.0149

■ 42.1757, 50.1521,
48.0149

346.1900,
387.2604, 395.3616

■ 29.4306, 35.5343,
33.4786

■ 77.7290, 90.4002,
88.5924

■ 19.5527, 24.0747,
22.2192

■ 101.2678,
116.7992, 115.4706

■ 12.1767, 15.3891,
13.8182

129.1354,
147.8942, 147.3000

■ 6.9372, 9.0929,
7.8570

161.6969,
184.0693, 184.4989

■ 3.4688, 4.8018,
3.9171

199.3178,
225.7091, 227.4860

■ 1.4063, 2.1315,
1.5800

242.3633,

■ 0.2607, 0.6822,

273.1980, 276.6798

0.2765

291.1990,
326.9203, 332.4988

■ 0.0000, 0.0000,
0.0000

■ 42.1757, 50.1521,
48.0149

■ 42.1757, 50.1521,
48.0149

■ 37.4261, 47.8327,
42.0237

■ 47.6479, 52.8352,
54.5673

■ 33.3637, 45.8548,
36.5754

■ 53.8678, 55.8904,
61.6917

■ 29.9560, 44.2035,
31.6559

■ 60.8646, 59.3339,
69.4029

■ 27.1665, 42.8601,
27.2488

■ 68.6644, 63.1790,
77.7142

■ 24.9547, 41.8041,
23.3372

■ 75.8042, 66.6711,
86.5687

■ 23.2749, 41.0125,
19.9029

■ 77.5489, 67.3690,
95.7561

■ 22.0743, 40.4581,
16.9267

■ 79.0309, 67.9618,
103.5603

■ 21.2755, 40.1017,
14.3871

■ 21.1303, 40.0376,
13.8970

Harmonies

Analogous

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



44.0143, 50.1521, 41.6496



42.1757, 50.1521, 48.0149



41.7765, 50.1521, 56.8700

Triad

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



42.1757, 50.1521, 48.0149



48.4518, 50.1521, 74.1905



52.7790, 50.1521, 44.5528

Complementary

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



42.1757, 50.1521, 48.0149



43.9550, 40.6040, 49.7787

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.



54.0890, 50.1521, 52.4050



42.1757, 50.1521, 48.0149



51.5186, 50.1521, 70.0067

Square

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



42.1757, 50.1521, 48.0149



45.3070, 50.1521, 72.6744



53.6177, 50.1521, 61.7767



50.1098, 50.1521, 39.8137

Rectangle

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



42.1757, 50.1521, 48.0149



42.3632, 50.1521, 63.1409



53.6177, 50.1521, 61.7767



53.3983, 50.1521, 46.8791

Sweetspot

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



42.1771, 50.1542, 48.0160



89.3064, 97.1785, 102.3293



45.6042, 52.0717, 41.3660



18.9486, 20.7184, 21.7097



0.0000, 0.0000, 0.0000



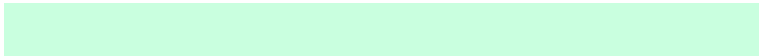
20.3446, 21.4041, 23.3091

Same Dimension

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



42.1771, 50.1542, 48.0160



73.2701, 89.3206, 83.0982



43.9447, 50.8613, 57.3242



10.1076, 11.3241, 11.5700



13.6165, 25.7407, 9.1396



0.6224, 1.1258, 0.5741

Inverse Universe

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



43.9550, 40.6040, 49.7787



77.0229, 69.1599, 86.8165



42.3104, 39.9462, 41.1182



10.3212, 10.1771, 11.7819



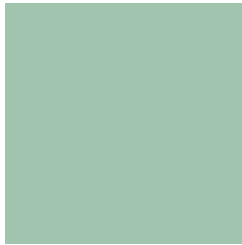
16.7570, 8.3926, 11.8983



0.7573, 0.3759, 0.6894

Previews

White Background



This preview shows how the XYZ color 42.1757, 50.1521, 48.0149 looks on a white background.

Color Contrast Check

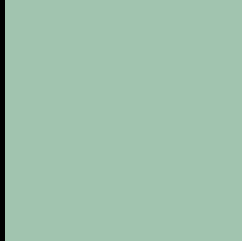
Large Text (above 18pt) WCAG AA × Fail

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 42.1757, 50.1521, 48.0149 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 42.1757, 50.1521, 48.0149

Background



This preview shows how black text looks on a background with the XYZ color 42.1757, 50.1521, 48.0149.



This preview shows how white text looks on a background with the XYZ color 42.1757, 50.1521,

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

42.1757, 50.1521, 48.0149

Protanopia

47.5317, 50.0450, 45.1847

Deuteranopia

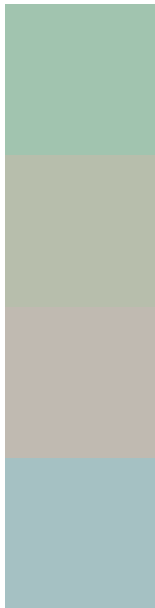
50.8543, 49.8174, 49.0549



Tritanopia

45.8296, 49.9821, 66.2635

Trichromacy



Original Color

42.1757, 50.1521, 48.0149

Protanomaly

45.3883, 49.8727, 46.2639

Deuteranomaly

47.2329, 49.4986, 48.6597

Tritanomaly

44.4373, 50.0794, 58.9540

Monochromacy



Original Color

42.1757, 50.1521, 48.0149

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9006, 48.3757, 50.2036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1757, 50.1521, 48.0149 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(161, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 175)  
}
```

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(161, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 175) }
```

Border

The CSS property to change the border of an element to XYZ 42.1757, 50.1521, 48.0149 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(161, 196, 175) }
```


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

```
.border{ border-color:rgb(161, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 175);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1757, 50.1521, 48.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 175) }
```

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

```
.background{ background-color: rgb(161,  
196, 175) }
```

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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