

Converting Colors

XYZ(41.2155, 47.3487, 48.4397)

Have a look what the booklet for
XYZ(41.2155, 47.3487, 48.4397)
contains.

| | |
|--|----|
| XYZ(41.2377, 47.3560, 48.5621) | 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(41.2377, 47.3560,
48.5621)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A3BDB1 |
| RGB | 163, 189, 177 |
| RGB Percent | 64%, 74%, 69% |
| CMY | 0.3608, 0.2588, 0.3059 |
| CMYK | 0.14, 0.00, 0.06, 0.26 |
| HSL | 152°, 16%, 69% |
| HSV | 152°, 14%, 74% |
| XYZ | 41.2377, 47.3560, 48.5621 |
| YIQ | 179.8580, -11.6440, -9.2440 |

Conversions

Conversions Part 2

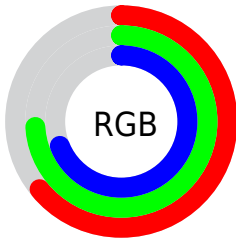
| Format | Color |
|-------------------------------------|---|
| RYB | 163, 180, 189 |
| Decimal | 10730929 |
| CIELab | 74.42, -11.21, 3.08 |
| CIELCh | 74, 11.625, 164.613 |
| Yxy | 47.3560, 0.3007, 0.3453 |
| Android (android.graphics.Color) | 4288921009 (0xFFFA3BDB1) |
| YUV | 179.8580, -1.4090, -14.7845 |
| Hunter-Lab | 68.8157, -13.4616, 6.3310 |

Details

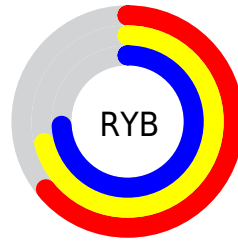
The XYZ color **41.2377, 47.3560, 48.5621** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8231, 40.1097, 46.0974**, and the grayscale version is **43.3191, 45.5751, 49.6313**.

A 20% lighter version of the original color is **76.2738, 86.0934, 89.6884**, and **18.9978, 22.4431, 22.3994** is the 20% darker color. If you saturate the color by 10%, you get **36.8115, 45.1728, 43.9602**, and if you desaturate by 10%, it is **46.3006, 49.8636, 53.4860**.

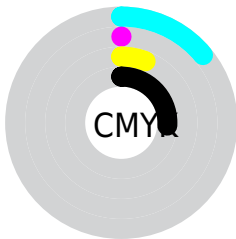
Distribution



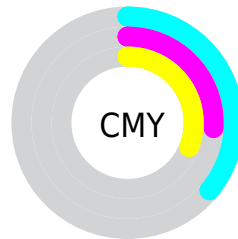
- Red (64%)
- Green (74%)
- Blue (69%)



- Red (64%)
- Yellow (71%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (36%)
- Magenta (26%)
- Yellow (31%)
- Black (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2377, 47.3560, 48.5621 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 41.2377, 47.3560, 48.5621 by changing the saturation by 10% instead.

■ 41.2377, 47.3560,
48.5621

■ 41.2377, 47.3560,
48.5621

342.3587,
376.2338, 397.5886

■ 28.6934, 33.3172,
33.9091

■ 76.3170, 86.2448,
89.4150

■ 18.9921, 22.3695,
22.5470

■ 99.5827, 111.8635,
116.4519

■ 11.7685, 14.1287,
14.0572

127.1529,
142.1110, 148.4539

■ 6.6573, 8.2102,
8.0213

159.3930,
177.3717, 185.8395

■ 3.2932, 4.2298,
4.0206

196.6682,
218.0299, 229.0272

■ 1.3106, 1.8029,
1.6366

239.3440,

■ 0.1911, 0.4890,

264.4700, 278.4356

0.3168

287.7857,
317.0765, 334.4833

■ 0.0000, 0.0000,
0.0000

■ 41.2377, 47.3560,
48.5621

■ 41.2377, 47.3560,
48.5621

■ 36.8115, 45.1728,
43.9602

■ 46.3006, 49.8636,
53.4860

■ 32.9913, 43.2944,
39.6706

■ 52.0211, 52.7024,
58.7352

■ 29.7501, 41.7083,
35.6875

■ 58.4242, 55.8864,
64.3170

■ 27.0567, 40.3986,
32.0036

■ 65.5322, 59.4270,
70.2373

■ 24.8772, 39.3478,
28.6116

■ 72.4395, 62.8573,
76.4587

■ 23.1738, 38.5367,
25.5035

■ 73.6300, 63.3335,
82.7277

■ 21.9028, 37.9429,
22.6710

■ 74.8817, 63.8342,
89.3193

■ 21.0119, 37.5395,
20.1051

■ 76.1956, 64.3598,
96.2383

■ 20.5848, 37.3514,
18.6325

■ 77.4884, 64.8769,
103.0461

Harmonies

Analogous

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



42.2406, 47.3560, 43.7793



41.2377, 47.3560, 48.5621



41.2244, 47.3560, 54.5279

Triad

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



41.2377, 47.3560, 48.5621



46.0343, 47.3560, 63.5494



47.9390, 47.3560, 43.8782

Complementary

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



41.2377, 47.3560, 48.5621



41.8231, 40.1097, 46.0974

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.



49.0215, 47.3560, 48.7068



41.2377, 47.3560, 48.5621



47.8989, 47.3560, 60.2177

Square

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



41.2377, 47.3560, 48.5621



43.9502, 47.3560, 63.5031



49.0066, 47.3560, 54.6843



46.0876, 47.3560, 41.2214

Rectangle

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



41.2377, 47.3560, 48.5621



41.7763, 47.3560, 58.3964



49.0066, 47.3560, 54.6843



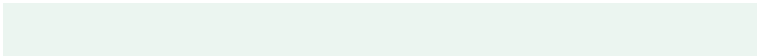
48.4074, 47.3560, 45.2839

Sweetspot

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



41.2390, 47.3580, 48.5631



82.6253, 89.1553, 95.5102



42.5192, 48.1710, 41.7081



17.6129, 19.0955, 20.3919



90.7827, 95.5105, 104.0109



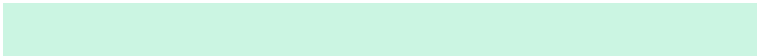
18.6292, 19.5994, 21.3438

Same Dimension

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



41.2390, 47.3580, 48.5631



70.9419, 83.3747, 84.0108



42.3029, 47.4861, 55.0825



9.6177, 10.7332, 11.2365



13.8884, 25.1456, 12.7411



0.5767, 0.9981, 0.6713

Inverse Universe

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



41.8231, 40.1097, 46.0974



72.2236, 67.4704, 78.6010



40.8502, 39.9676, 40.2127



9.7084, 9.6077, 10.8536



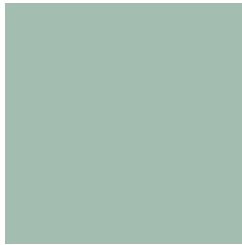
15.3221, 7.7600, 6.9900



0.6332, 0.3172, 0.4478

Previews

White Background



This preview shows how the XYZ color 41.2377, 47.3560, 48.5621 looks on a white background.

Color Contrast Check

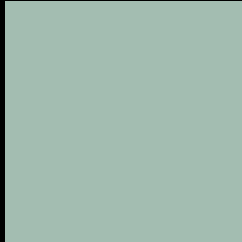
Large Text (above 18pt) WCAG AA × Fail

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 41.2377, 47.3560, 48.5621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

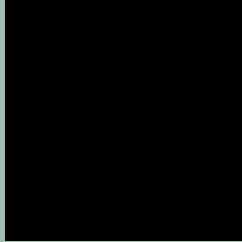
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

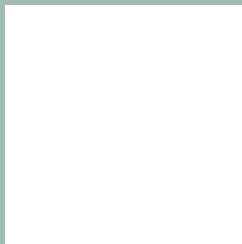
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2377, 47.3560, 48.5621

Background



This preview shows how black text looks on a background with the XYZ color 41.2377, 47.3560, 48.5621.



This preview shows how white text looks on a background with the XYZ color 41.2377, 47.3560,

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

41.2377, 47.3560, 48.5621

Protanopia

45.0098, 47.1644, 46.2665

Deuteranopia

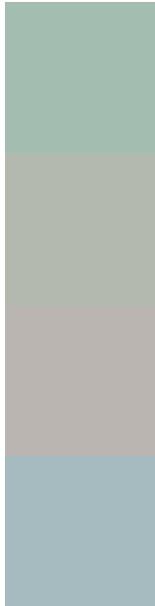
47.9462, 47.1165, 49.2152



Tritanopia

43.9206, 47.5034, 61.4978

Trichromacy



Original Color

41.2377, 47.3560, 48.5621

Protanomaly

43.5793, 47.3376, 46.8846

Deuteranomaly

45.0533, 46.8269, 48.7834

Tritanomaly

43.0106, 47.4534, 56.7617

Monochromacy



Original Color

41.2377, 47.3560, 48.5621

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5257, 46.1203, 49.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2377, 47.3560, 48.5621 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(163, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(163, 189, 177)  
}
```

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(163, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 189, 177) }
```

Border

The CSS property to change the border of an element to XYZ 41.2377, 47.3560, 48.5621 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(163, 189, 177) }
```


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

```
.border{ border-color:rgb(163, 189, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 189, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 189, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 189, 177); box-shadow:4px 4px 4px 4px rgb(163, 189, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2377, 47.3560, 48.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 189, 177) }
```

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

```
.background{ background-color: rgb(163,  
189, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor