

Converting Colors

XYZ(41.4972, 47.3669, 56.1517)

Have a look what the booklet for
XYZ(41.4972, 47.3669, 56.1517)
contains.

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Color

**XYZ(41.5062, 47.3249,
56.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	9DBDBF
RGB	157, 189, 191
RGB Percent	62%, 74%, 75%
CMY	0.3843, 0.2588, 0.2510
CMYK	0.18, 0.01, 0.00, 0.25
HSL	184°, 21%, 68%
HSV	184°, 18%, 75%
XYZ	41.5062, 47.3249, 56.2372
YIQ	179.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

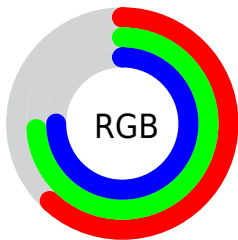
Format	Color
RYB	157, 173, 191
Decimal	10337727
CIELab	74.40, -10.30, -4.61
CIELCh	74, 11.287, 204.103
Yxy	47.3249, 0.2861, 0.3262
Android (android.graphics.Color)	4288527807 (0xFF9DBDBF)
YUV	179.6600, 5.5906, -19.8728
Hunter-Lab	68.7931, -12.6902, -0.3134

Details

The XYZ color **41.5062, 47.3249, 56.2372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9702, 38.3069, 37.1865**, and the grayscale version is **43.1799, 45.4286, 49.4717**.

A 20% lighter version of the original color is **76.5923, 86.0173, 100.5618**, and **19.2173, 22.4466, 27.3645** is the 20% darker color. If you saturate the color by 10%, you get **37.8271, 45.0726, 55.9971**, and if you desaturate by 10%, it is **45.7725, 49.8852, 56.5073**.

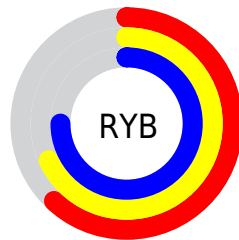
Distribution



Red (62%)

Green (74%)

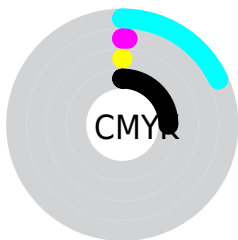
Blue (75%)



Red (62%)

Yellow (68%)

Blue (75%)

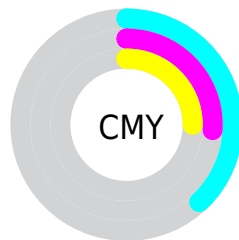


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5062, 47.3249, 56.2372 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 41.5062, 47.3249, 56.2372 by changing the saturation by 10% instead.

■ 41.5062, 47.3249,
56.2372

■ 41.5062, 47.3249,
56.2372

343.4584,
376.1099, 427.9982

■ 28.9042, 33.2926,
39.9879

■ 76.7216, 86.1984,
100.8406

■ 19.1523, 22.3507,
27.2154

■ 100.0657,
111.8084, 130.0317

■ 11.8850, 14.1148,
17.5012

127.7213,
142.0463, 164.3738

■ 6.7371, 8.2006,
10.4267

160.0537,
177.2967, 204.2854

■ 3.3431, 4.2235,
5.5735

197.4283,
217.9438, 250.1851

■ 1.3377, 1.7994,
2.5230

240.2103,

■ 0.2112, 0.4868,

264.3721, 302.4915

0.8523

288.7653,
316.9660, 361.6230

■ 0.0000, 0.0000,
0.0000

■ 41.5062, 47.3249,
56.2372

■ 41.5062, 47.3249,
56.2372

■ 37.8271, 45.0726,
55.9971

■ 45.7725, 49.8852,
56.5073

■ 34.7041, 43.1084,
55.7826

■ 50.6470, 52.7606,
56.8054

■ 32.1094, 41.4194,
55.5934

■ 56.1550, 55.9653,
57.1337

■ 30.0112, 39.9891,
55.4279

■ 62.3189, 59.5110,
57.4932

■ 28.3744, 38.7994,
55.2845

■ 69.1600, 63.4086,
57.8849

■ 27.1591, 37.8297,
55.1614

■ 70.3246, 64.3826,
58.0115

■ 26.3187, 37.0561,
55.0563

■ 70.5782, 64.8898,
58.0961

■ 25.7836, 36.4425,
54.9661

■ 70.8337, 65.4008,
58.1812

■ 25.6812, 36.3158,
54.9471

■ 71.0911, 65.9156,
58.2670

Harmonies

Analogous

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



41.2035, 47.3249, 50.3871



41.5062, 47.3249, 56.2372



42.7276, 47.3249, 61.1401

Triad

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



41.5062, 47.3249, 56.2372



48.2224, 47.3249, 58.3755



45.3837, 47.3249, 41.1758

Complementary

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



41.5062, 47.3249, 56.2372



39.9702, 38.3069, 37.1865

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.



47.3120, 47.3249, 42.9815



41.5062, 47.3249, 56.2372



48.9824, 47.3249, 52.6875

Square

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



41.5062, 47.3249, 56.2372



46.5962, 47.3249, 62.4383



48.6443, 47.3249, 47.0908



43.4033, 47.3249, 41.9703

Rectangle

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



41.5062, 47.3249, 56.2372



43.9187, 47.3249, 63.0632



48.6443, 47.3249, 47.0908



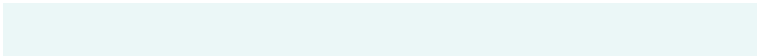
46.0601, 47.3249, 41.4942

Sweetspot

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



41.5076, 47.3268, 56.2383



84.2435, 90.6877, 101.3435



38.7683, 46.9233, 39.6792



18.3673, 19.8361, 22.2460



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.5076, 47.3268, 56.2383



71.8940, 83.2746, 100.5635



38.1191, 40.5499, 55.1088



9.7593, 10.7109, 12.2252



16.8980, 23.9077, 36.1169



0.6766, 0.9659, 1.4196

Inverse Universe

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



42.7292, 38.8654, 53.3961



74.4622, 65.6003, 94.5634



43.0390, 44.4447, 38.2094



9.9051, 9.6863, 11.8893



19.5301, 9.4432, 29.1487



0.7724, 0.3729, 1.1809

Previews

White Background



This preview shows how the XYZ color 41.5062, 47.3249, 56.2372 looks on a white background.

Color Contrast Check

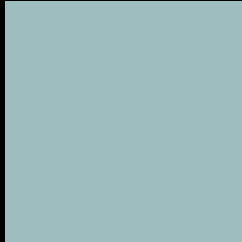
Large Text (above 18pt) WCAG AA × Fail

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 41.5062, 47.3249, 56.2372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

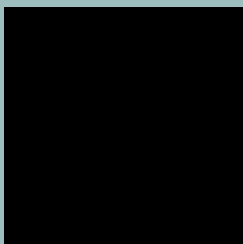
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

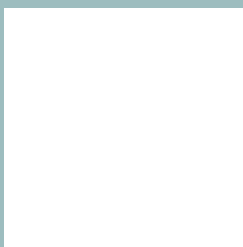
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5062, 47.3249, 56.2372

Background



This preview shows how black text looks on a background with the XYZ color 41.5062, 47.3249, 56.2372.



This preview shows how white text looks on a background with the XYZ color 41.5062, 47.3249,

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

41.5062, 47.3249, 56.2372

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

47.8535, 46.8966, 56.9819



Tritanopia

42.7291, 47.1758, 62.7309

Trichromacy



Original Color

41.5062, 47.3249, 56.2372

Protanomaly

44.1053, 47.4427, 54.4097

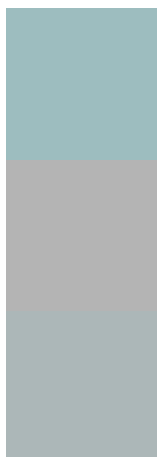
Deuteranomaly

45.0944, 46.6773, 56.5021

Tritanomaly

42.2768, 47.3128, 60.3301

Monochromacy



Original Color

41.5062, 47.3249, 56.2372

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5985, 46.0983, 52.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5062, 47.3249, 56.2372 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(157, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 189, 191)  
}
```

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(157, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 189, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.5062, 47.3249, 56.2372 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(157, 189, 191) }
```


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

```
.border{ border-color:rgb(157, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(157, 189,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5062, 47.3249, 56.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 189, 191) }
```

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

```
.background{ background-color: rgb(157,  
189, 191) }
```

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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