

Converting Colors

XYZ(42.3650, 50.1405, 55.9689)

Have a look what the booklet for
XYZ(42.3650, 50.1405, 55.9689)
contains.

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Color

**XYZ(42.3606, 50.0676,
56.1466)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC4BE
RGB	154, 196, 190
RGB Percent	60%, 77%, 75%
CMY	0.3961, 0.2314, 0.2549
CMYK	0.21, 0.00, 0.03, 0.23
HSL	171°, 26%, 69%
HSV	171°, 21%, 77%
XYZ	42.3606, 50.0676, 56.1466
YIQ	182.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

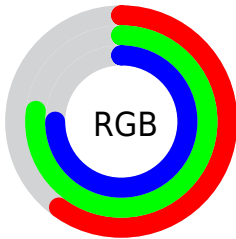
Format	Color
RYB	154, 177, 196
Decimal	10142910
CIELab	76.11, -15.10, -1.57
CIELCh	76, 15.185, 185.929
Yxy	50.0676, 0.2851, 0.3370
Android (android.graphics.Color)	4288332990 (0xFF9AC4BE)
YUV	182.7580, 3.5703, -25.2208
Hunter-Lab	70.7585, -16.9656, 2.4845

Details

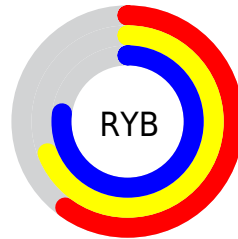
The XYZ color **42.3606, 50.0676, 56.1466** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6675, 37.3863, 38.3326**, and the grayscale version is **44.8684, 47.2051, 51.4064**.

A 20% lighter version of the original color is **78.0543, 90.4597, 100.5353**, and **19.6678, 23.9769, 27.2583** is the 20% darker color. If you saturate the color by 10%, you get **38.6276, 48.1795, 54.3899**, and if you desaturate by 10%, it is **46.7115, 52.2762, 57.9650**.

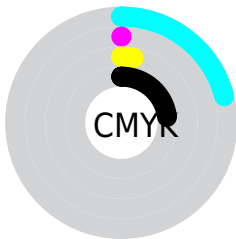
Distribution



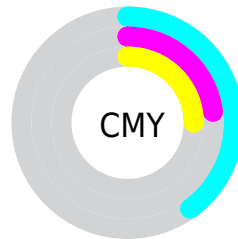
- Red (60%)
- Green (77%)
- Blue (75%)



- Red (60%)
- Yellow (69%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)





- Cyan (40%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3606, 50.0676, 56.1466 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 42.3606, 50.0676, 56.1466 by changing the saturation by 10% instead.


 42.3606, 50.0676,
56.1466


 42.3606, 50.0676,
56.1466


346.9418,
386.9302, 427.6476

 29.5761, 35.4671,
39.9157

 78.0068, 90.2750,
100.7068

 19.6635, 24.0229,
27.1595


 101.5993,
116.6508, 129.8732

 12.2575, 15.3506,
17.4596


129.5251,
147.7204, 164.1885

 6.9928, 9.0658,
10.3973

162.1496,
183.8682, 204.0713

 3.5039, 4.7841,
5.5541

199.8382,
225.4788, 249.9400

 1.4255, 2.1212,
2.5115

242.9562,

 0.2743, 0.6765,

272.9363, 302.2133

0.8463

291.8689,
326.6254, 361.3096

■ 0.0000, 0.0000,
0.0000

■ 42.3606, 50.0676,
56.1466

■ 42.3606, 50.0676,
56.1466

■ 38.6276, 48.1795,
54.3899

■ 46.7115, 52.2762,
57.9650

■ 35.4786, 46.5905,
52.6901

■ 51.7036, 54.8133,
59.8433

■ 32.8830, 45.2861,
51.0465

■ 57.3641, 57.6943,
61.7839

■ 30.8058, 44.2483,
49.4574

■ 63.7175, 60.9318,
63.7882

■ 29.2078, 43.4569,
47.9207

■ 70.7870, 64.5378,
65.8573

■ 28.0441, 42.8887,
46.4343

■ 72.2199, 65.2373,
67.6943

■ 27.2614, 42.5162,
44.9953

■ 72.5651, 65.3754,
69.5120

■ 26.8081, 42.3086,
43.7957

■ 72.9164, 65.5159,
71.3619

■ 73.2738, 65.6589,
73.2441

Harmonies

Analogous

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



42.7743, 50.0676, 48.3825



42.3606, 50.0676, 56.1466



43.3018, 50.0676, 64.2159

Triad

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



42.3606, 50.0676, 56.1466



50.8643, 50.0676, 68.1836



49.8497, 50.0676, 41.4471

Complementary

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



42.3606, 50.0676, 56.1466



40.6675, 37.3863, 38.3326

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.



52.1476, 50.0676, 45.8441



42.3606, 50.0676, 56.1466



52.7494, 50.0676, 61.1452

Square

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



42.3606, 50.0676, 56.1466



48.1541, 50.0676, 71.5958



53.2281, 50.0676, 52.9155



47.0259, 50.0676, 40.3931

Rectangle

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



42.3606, 50.0676, 56.1466



44.5939, 50.0676, 68.5220



53.2281, 50.0676, 52.9155



50.7127, 50.0676, 42.5603

Sweetspot

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



42.3620, 50.0697, 56.1477



89.2933, 97.0728, 106.8034



40.1314, 49.3196, 37.9771



18.9841, 20.7123, 22.8120



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.



42.3620, 50.0697, 56.1477



73.2336, 88.9252, 100.1114



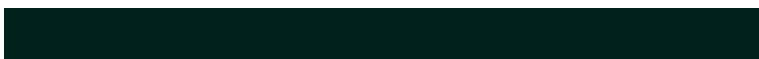
39.8766, 44.0271, 58.6233



10.3046, 11.4029, 12.6075



17.2489, 27.1936, 28.2675



0.7626, 1.1819, 1.3126

Inverse Universe

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



40.6675, 37.3863, 38.3326



69.5864, 61.6116, 61.7566



42.7316, 42.3349, 36.4919



10.1305, 10.1008, 10.7779



14.7817, 7.6024, 1.4968



0.6580, 0.3362, 0.1663

Previews

White Background



This preview shows how the XYZ color 42.3606, 50.0676, 56.1466 looks on a white background.

Color Contrast Check

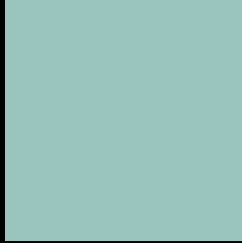
Large Text (above 18pt) WCAG AA × Fail

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 42.3606, 50.0676, 56.1466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

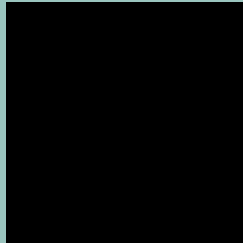
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3606, 50.0676, 56.1466

Background



This preview shows how black text looks on a background with the XYZ color 42.3606, 50.0676, 56.1466.

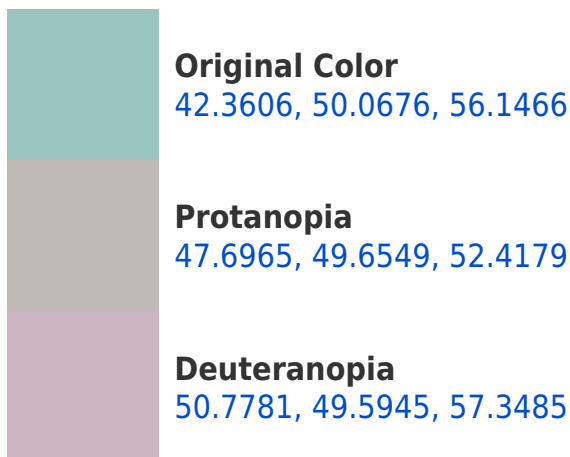


This preview shows how white text looks on a background with the XYZ color 42.3606, 50.0676,

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

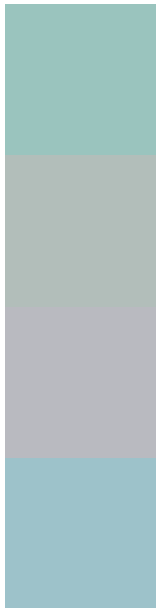




Tritanopia

44.6791, 50.0125, 67.6201

Trichromacy



Original Color

42.3606, 50.0676, 56.1466

Protanomaly

45.6365, 49.8371, 53.6686

Deuteranomaly

47.0809, 49.2379, 56.8916

Tritanomaly

43.8571, 50.0159, 63.2196

Monochromacy



Original Color

42.3606, 50.0676, 56.1466

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.8594, 48.2823, 53.4621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3606, 50.0676, 56.1466 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(154, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(154, 196, 190)  
}
```

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(154, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 196, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.3606, 50.0676, 56.1466 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(154, 196, 190) }
```


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

```
.border{ border-color:rgb(154, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(154, 196,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3606, 50.0676, 56.1466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 196, 190) }
```

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

```
.background{ background-color: rgb(154,  
196, 190) }
```

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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