

Converting Colors

XYZ(41.1108, 46.5832, 51.8007)

Have a look what the booklet for
XYZ(41.1108, 46.5832, 51.8007)
contains.

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Color

**XYZ(41.0155, 46.5366,
51.6205)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BBB7
RGB	161, 187, 183
RGB Percent	63%, 73%, 72%
CMY	0.3686, 0.2667, 0.2823
CMYK	0.14, 0.00, 0.02, 0.27
HSL	171°, 16%, 68%
HSV	171°, 14%, 73%
XYZ	41.0155, 46.5366, 51.6205
YIQ	178.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

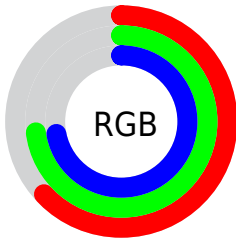
Format	Color
R_{YB}	161, 175, 187
Decimal	10599351
CIE Lab	73.89, -9.63, -0.96
CIE LCh	74, 9.676, 185.710
Yxy	46.5366, 0.2947, 0.3344
Android (android.graphics.Color)	4288789431 (0xFFA1BBB7)
YUV	178.7700, 2.0854, -15.5843
Hunter-Lab	68.2177, -12.0590, 2.8876

Details

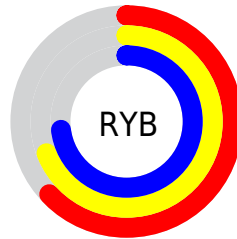
The XYZ color **41.0155, 46.5366, 51.6205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0316, 38.7724, 40.9732**, and the grayscale version is **42.7210, 44.9459, 48.9460**.

A 20% lighter version of the original color is **75.9495, 84.9321, 94.0519**, and **18.8610, 21.9131, 24.3547** is the 20% darker color. If you saturate the color by 10%, you get **37.2290, 44.6201, 49.8960**, and if you desaturate by 10%, it is **45.3744, 48.7500, 53.4057**.

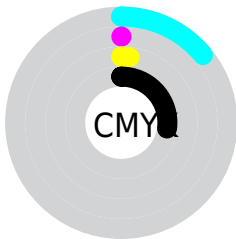
Distribution



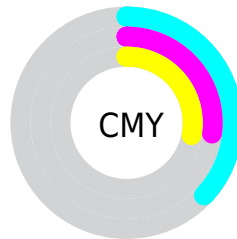
- Red (63%)
- Green (73%)
- Blue (72%)



- Red (63%)
- Yellow (69%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (37%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0155, 46.5366, 51.6205 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 41.0155, 46.5366, 51.6205 by changing the saturation by 10% instead.

■ 41.0155, 46.5366,
51.6205

■ 41.0155, 46.5366,
51.6205

341.4469,
372.9618, 409.8850

■ 28.5189, 32.6695,
36.3225

■ 75.9820, 85.0215,
93.9922

■ 18.8596, 21.8734,
24.3917

■ 99.1826, 110.4081,
121.9030

■ 11.6723, 13.7639,
15.4096

126.6819,
140.4032, 154.8551

■ 6.5916, 7.9566,
8.9575

158.8453,
175.3914, 193.2671

■ 3.2520, 4.0672,
4.6171

196.0382,
215.7569, 237.5576

■ 1.2884, 1.7112,
1.9696

238.6258,

■ 0.1745, 0.4309,

261.8842, 288.1450

0.5365

286.9736,
314.1577, 345.4480

■ 0.0000, 0.0000,
0.0000

■ 41.0155, 46.5366,
51.6205

■ 41.0155, 46.5366,
51.6205

■ 37.2290, 44.6201,
49.8960

■ 45.3744, 48.7500,
53.4057

■ 33.9860, 42.9818,
48.2278

■ 50.3252, 51.2665,
55.2498

■ 31.2609, 41.6099,
46.6154

■ 55.8913, 54.0995,
57.1551

■ 29.0246, 40.4892,
45.0574

■ 62.0936, 57.2598,
59.1227

■ 27.2450, 39.6033,
43.5519

■ 68.9521, 60.7576,
61.1538

■ 25.8863, 38.9336,
42.0972

■ 69.4684, 60.9853,
62.9209

■ 24.9070, 38.4589,
40.6911

■ 69.8087, 61.1214,
64.7129

■ 24.2573, 38.1534,
39.3310

■ 70.1554, 61.2601,
66.5385

■ 23.9615, 38.0185,
38.5217

■ 70.5085, 61.4013,
68.3978

Harmonies

Analogous

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



41.2794, 46.5366, 46.8658



41.0155, 46.5366, 51.6205



41.5950, 46.5366, 56.4142

Triad

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



41.0155, 46.5366, 51.6205



46.1942, 46.5366, 58.7740



45.6089, 46.5366, 42.5030

Complementary

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



41.0155, 46.5366, 51.6205



40.0316, 38.7724, 40.9732

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.



46.9774, 46.5366, 45.3304



41.0155, 46.5366, 51.6205



47.3214, 46.5366, 54.6756

Square

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



41.0155, 46.5366, 51.6205



44.5621, 46.5366, 60.7128



47.6117, 46.5366, 49.7321



43.9028, 46.5366, 41.8015

Rectangle

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



41.0155, 46.5366, 51.6205



42.3908, 46.5366, 58.9229



47.6117, 46.5366, 49.7321



46.1250, 46.5366, 43.2269

Sweetspot

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



41.0168, 46.5385, 51.6215



81.1285, 87.2393, 95.5929



39.7912, 46.1510, 40.5297



17.7278, 19.1415, 20.9971



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.



41.0168, 46.5385, 51.6215



71.0595, 82.1310, 91.3965



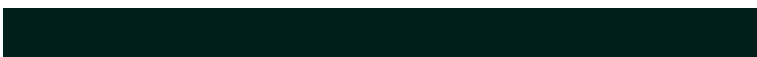
39.6558, 43.1401, 53.2528



9.7438, 10.7836, 11.9001



16.5305, 26.2025, 26.6541



0.6648, 1.0333, 1.1352

Inverse Universe

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



40.0316, 38.7724, 40.9732



68.9185, 65.2512, 68.2549



41.2404, 41.7641, 39.6066



9.5884, 9.5597, 10.2217



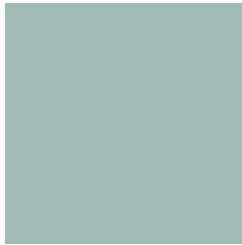
14.2886, 7.3466, 1.5476



0.5789, 0.2955, 0.1618

Previews

White Background



This preview shows how the XYZ color 41.0155, 46.5366, 51.6205 looks on a white background.

Color Contrast Check

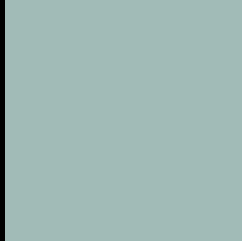
Large Text (above 18pt) WCAG AA × Fail

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 41.0155, 46.5366, 51.6205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

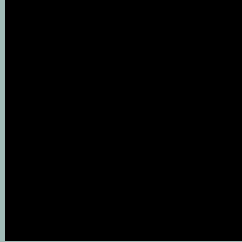
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

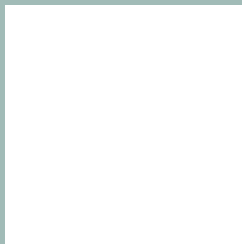
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0155, 46.5366, 51.6205

Background



This preview shows how black text looks on a background with the XYZ color 41.0155, 46.5366, 51.6205.



This preview shows how white text looks on a background with the XYZ color 41.0155, 46.5366,

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

41.0155, 46.5366, 51.6205

Protanopia

44.4655, 46.2115, 49.2239

Deuteranopia

47.3082, 46.4238, 52.3662



Tritanopia

42.9676, 46.7140, 60.7849

Trichromacy



Original Color

41.0155, 46.5366, 51.6205

Protanomaly

43.0762, 46.3924, 49.8643

Deuteranomaly

44.7402, 46.2936, 51.9249

Tritanomaly

42.2888, 46.7546, 57.2478

Monochromacy



Original Color

41.0155, 46.5366, 51.6205

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9794, 45.5218, 49.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0155, 46.5366, 51.6205 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, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 183)  
}
```

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, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.0155, 46.5366, 51.6205 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, 187, 183) }
```


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

```
.border{ border-color:rgb(161, 187, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0155, 46.5366, 51.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 183) }
```

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

```
.background{ background-color: rgb(161,  
187, 183) }
```

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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