

Converting Colors

XYZ(46.7341, 53.3619, 55.4137)

Have a look what the booklet for
XYZ(46.7341, 53.3619, 55.4137)
contains.

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Color

**XYZ(46.7341, 53.3619,
55.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC7BC
RGB	173, 199, 188
RGB Percent	68%, 78%, 74%
CMY	0.3216, 0.2196, 0.2627
CMYK	0.13, 0.00, 0.06, 0.22
HSL	155°, 19%, 73%
HSV	155°, 13%, 78%
XYZ	46.7341, 53.3619, 55.4137
YIQ	189.9720, -11.9650, -8.9330

Conversions

Conversions Part 2

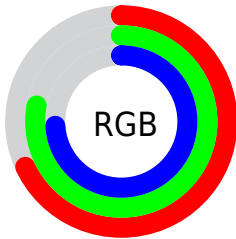
Format	Color
RYB	173, 189, 199
Decimal	11388860
CIELab	78.09, -10.91, 2.54
CIELCh	78, 11.204, 166.889
Yxy	53.3619, 0.3005, 0.3431
Android (android.graphics.Color)	4289578940 (0xFFADC7BC)
YUV	189.9720, -0.9722, -14.8844
Hunter-Lab	73.0492, -13.6387, 6.1582

Details

The XYZ color **46.7341, 53.3619, 55.4137** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1504, 45.4913, 51.6454**, and the grayscale version is **48.9390, 51.4876, 56.0700**.

A 20% lighter version of the original color is **84.4022, 94.7097, 99.4203**, and **22.2443, 25.9931, 26.7664** is the 20% darker color. If you saturate the color by 10%, you get **41.7759, 50.9092, 50.5811**, and if you desaturate by 10%, it is **52.4037, 56.1782, 60.5584**.

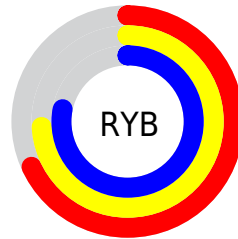
Distribution



Red (68%)

Green (78%)

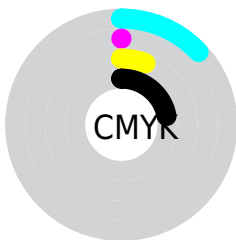
Blue (74%)



Red (68%)

Yellow (74%)

Blue (78%)

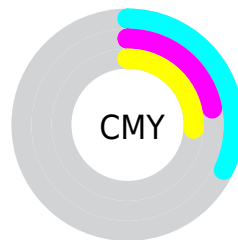


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (32%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7341, 53.3619, 55.4137 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 46.7341, 53.3619, 55.4137 by changing the saturation by 10% instead.

■ 46.7341, 53.3619,
55.4137

■ 46.7341, 53.3619,
55.4137

364.4188,
399.6720, 424.8043

■ 33.0326, 38.0918,
39.3322

■ 84.5377, 95.1367,
99.6240

■ 22.3107, 26.0539,
26.7084

109.3706,
122.4101, 128.5900

■ 14.2033, 16.8640,
17.1239

138.6445,
154.4534, 162.6878

■ 8.3448, 10.1376,
10.1600

172.7250,
191.6510, 202.3361

■ 4.3700, 5.4903,
5.3982

211.9773,
234.3873, 247.9533

■ 1.9135, 2.5377,
2.4199

256.7668,

■ 0.5847, 0.8954,

283.0466, 299.9581

0.7973

307.4588,
338.0134, 358.7689

■ 0.0000, 0.0000,
0.0000

■ 46.7341, 53.3619,
55.4137

■ 46.7341, 53.3619,
55.4137

■ 41.7759, 50.9092,
50.5811

■ 52.4037, 56.1782,
60.5584

■ 37.4950, 48.7981,
46.0510

■ 58.8082, 59.3656,
66.0174

■ 33.8607, 47.0145,
41.8181

■ 65.9755, 62.9400,
71.7976

■ 30.8385, 45.5406,
37.8761

■ 73.9306, 66.9141,
77.9047

■ 28.3904, 44.3570,
34.2180

■ 75.9621, 67.8279,
84.0286

■ 26.4740, 43.4419,
30.8367

■ 77.1744, 68.3128,
90.4125

■ 25.0404, 42.7703,
27.7244

■ 78.4446, 68.8209,
97.1014

■ 24.0313, 42.3121,
24.8729

■ 79.7144, 69.3288,
103.7881

■ 23.5073, 42.0820,
23.0423

Harmonies

Analogous

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



47.7117, 53.3619, 50.2569



46.7341, 53.3619, 55.4137



46.8020, 53.3619, 61.6700

Triad

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



46.7341, 53.3619, 55.4137



51.9499, 53.3619, 70.3995



53.6462, 53.3619, 49.7492

Complementary

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



46.7341, 53.3619, 55.4137



47.1504, 45.4913, 51.6454

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.



54.8484, 53.3619, 54.6744



46.7341, 53.3619, 55.4137



53.8499, 53.3619, 66.7239

Square

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



46.7341, 53.3619, 55.4137



49.7713, 53.3619, 70.6332



54.9240, 53.3619, 60.8759



51.6784, 53.3619, 47.1483

Rectangle

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



46.7341, 53.3619, 55.4137



47.4306, 53.3619, 65.6321



54.9240, 53.3619, 60.8759



54.1557, 53.3619, 51.1712

Sweetspot

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



46.7356, 53.3641, 55.4149



90.7092, 97.8416, 105.1102



47.7992, 54.0897, 47.4570



19.2459, 20.8578, 22.3475



0.0000, 0.0000, 0.0000



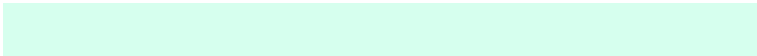
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7356, 53.3641, 55.4149



78.9438, 92.0038, 94.2834



47.5710, 53.0637, 61.7705



10.7496, 11.9887, 12.6317



15.1596, 27.0762, 15.0507



0.7535, 1.2963, 0.9004

Inverse Universe

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



47.1504, 45.4913, 51.6454



79.8267, 75.2502, 86.2629



46.3758, 45.7168, 45.9159



10.8170, 10.7102, 12.0195



16.2212, 8.2380, 6.3746



0.8041, 0.4045, 0.4916

Previews

White Background



This preview shows how the XYZ color 46.7341, 53.3619, 55.4137 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 46.7341, 53.3619, 55.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

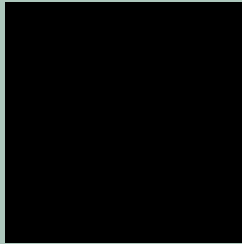
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7341, 53.3619, 55.4137

Background



This preview shows how black text looks on a background with the XYZ color 46.7341, 53.3619, 55.4137.

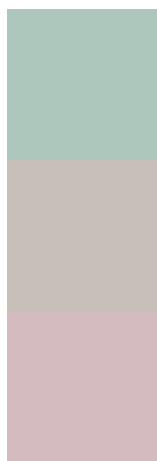


This preview shows how white text looks on a background with the XYZ color 46.7341, 53.3619,

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

46.7341, 53.3619, 55.4137

Protanopia

50.7901, 53.1657, 52.9325

Deuteranopia

54.3257, 53.2993, 56.7147



Tritanopia

49.6293, 53.5301, 69.3446

Trichromacy



Original Color

46.7341, 53.3619, 55.4137

Protanomaly

49.2583, 53.3518, 53.6007

Deuteranomaly

51.2138, 52.9851, 56.2431

Tritanomaly

48.6502, 53.4744, 64.2574

Monochromacy



Original Color

46.7341, 53.3619, 55.4137

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.0224, 52.0044, 55.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7341, 53.3619, 55.4137 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(173, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 188)  
}
```

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(173, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.7341, 53.3619, 55.4137 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(173, 199, 188) }
```


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

```
.border{ border-color:rgb(173, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7341, 53.3619, 55.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 188) }
```

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

```
.background{ background-color: rgb(173,  
199, 188) }
```

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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