

Converting Colors

XYZ(47.1486, 53.2389, 55.2191)

Have a look what the booklet for
XYZ(47.1486, 53.2389, 55.2191)
contains.

XYZ(47.1757, 53.2491, 55.3686)	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(47.1757, 53.2491,
55.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C6BC
RGB	176, 198, 188
RGB Percent	69%, 78%, 74%
CMY	0.3098, 0.2235, 0.2627
CMYK	0.11, 0.00, 0.05, 0.22
HSL	153°, 16%, 73%
HSV	153°, 11%, 78%
XYZ	47.1757, 53.2491, 55.3686
YIQ	190.2820, -9.9020, -7.7740

Conversions

Conversions Part 2

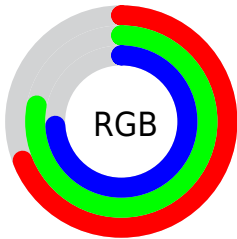
Format	Color
RYB	176, 190, 198
Decimal	11585212
CIELab	78.02, -9.39, 2.47
CIELCh	78, 9.706, 165.255
Yxy	53.2491, 0.3028, 0.3418
Android (android.graphics.Color)	4289775292 (0xFFB0C6BC)
YUV	190.2820, -1.1250, -12.5253
Hunter-Lab	72.9720, -12.3024, 6.0932

Details

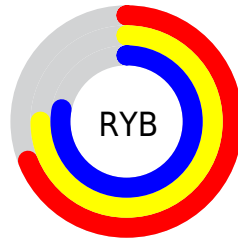
The XYZ color **47.1757, 53.2491, 55.3686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6789, 46.6030, 52.9393**, and the grayscale version is **49.1177, 51.6756, 56.2747**.

A 20% lighter version of the original color is **85.3678, 95.2075, 99.4655**, and **22.5148, 25.9067, 26.7355** is the 20% darker color. If you saturate the color by 10%, you get **42.0810, 50.7328, 50.2221**, and if you desaturate by 10%, it is **52.9870, 56.1308, 60.8668**.

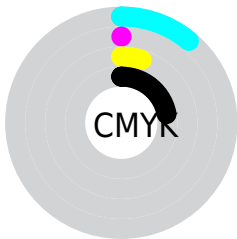
Distribution



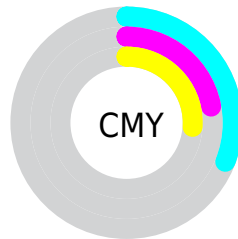
- Red (69%)
- Green (78%)
- Blue (74%)



- Red (69%)
- Yellow (75%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1757, 53.2491, 55.3686 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 47.1757, 53.2491, 55.3686 by changing the saturation by 10% instead.

■ 47.1757, 53.2491,
55.3686

■ 47.1757, 53.2491,
55.3686

366.1526,
399.2401, 424.6289

■ 33.3831, 38.0017,
39.2963

■ 85.1930, 94.9708,
99.5574

■ 22.5807, 25.9840,
26.6807

110.1484,
122.2139, 128.5109

■ 14.4032, 16.8117,
17.1033

139.5554,
154.2243, 162.5953

■ 8.4852, 10.1003,
10.1454

173.7794,
191.3864, 202.2291

■ 4.4614, 5.4655,
5.3886

213.1858,
234.0847, 247.8308

■ 1.9663, 2.5229,
2.4143

258.1399,

■ 0.6149, 0.8881,

282.7034, 299.8190

0.7942

309.0070,
337.6271, 358.6122

■ 0.0000, 0.0000,
0.0000

■ 47.1757, 53.2491,
55.3686

■ 47.1757, 53.2491,
55.3686

■ 42.0810, 50.7328,
50.2221

■ 52.9870, 56.1308,
60.8668

■ 37.6691, 48.5602,
45.4169

■ 59.5379, 59.3851,
66.7201

■ 33.9103, 46.7175,
40.9466

■ 66.8558, 63.0276,
72.9363

■ 30.7706, 45.1874,
36.8036

■ 74.8908, 67.0324,
79.5184

■ 28.2130, 43.9509,
32.9801

■ 76.1445, 67.5339,
86.1205

■ 26.1962, 42.9868,
29.4675

■ 77.4639, 68.0617,
93.0682

■ 24.6734, 42.2713,
26.2572

■ 78.8498, 68.6160,
100.3664

■ 23.5887, 41.7756,
23.3394

■ 79.4851, 68.8701,
103.7117

■ 22.9011, 41.4726,
20.9817

Harmonies

Analogous

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



48.0725, 53.2491, 50.9523



47.1757, 53.2491, 55.3686



47.1837, 53.2491, 60.7629

Triad

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



47.1757, 53.2491, 55.3686



51.5745, 53.2491, 68.6187



53.2151, 53.2491, 50.8923

Complementary

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



47.1757, 53.2491, 55.3686



47.6789, 46.6030, 52.9393

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.



54.2018, 53.2491, 55.2819



47.1757, 53.2491, 55.3686



53.2387, 53.2491, 65.6242

Square

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



47.1757, 53.2491, 55.3686



49.6917, 53.2491, 68.6455



54.2106, 53.2491, 60.6706



51.5429, 53.2491, 48.4793

Rectangle

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



47.1757, 53.2491, 55.3686



47.6998, 53.2491, 64.2010



54.2106, 53.2491, 60.6706



53.6397, 53.2491, 52.1730

Sweetspot

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



47.1772, 53.2513, 55.3698



91.7364, 98.3559, 105.8485



48.3470, 53.9977, 48.9496



19.4502, 20.9604, 22.4835



0.0000, 0.0000, 0.0000



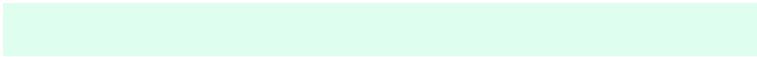
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1772, 53.2513, 55.3698



81.5559, 93.3130, 96.0957



48.1262, 53.3634, 61.1923



10.7354, 11.9830, 12.5566



14.9361, 26.9868, 13.8741



0.7434, 1.2923, 0.8476

Inverse Universe

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



47.6789, 46.6030, 52.9393



82.5959, 79.5327, 91.0582



46.7963, 46.4807, 47.5804



10.8310, 10.7158, 12.0933



16.3878, 8.3047, 7.2522



0.8124, 0.4078, 0.5352

Previews

White Background



This preview shows how the XYZ color 47.1757, 53.2491, 55.3686 looks on a white background.

Color Contrast Check

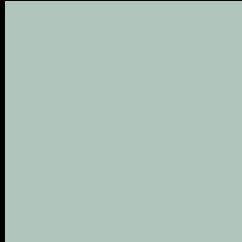
Large Text (above 18pt) WCAG AA × Fail

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 47.1757, 53.2491, 55.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

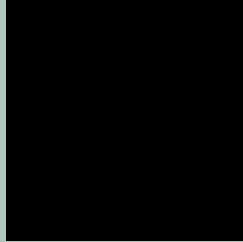
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

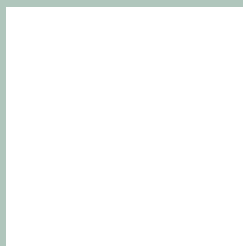
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1757, 53.2491, 55.3686

Background



This preview shows how black text looks on a background with the XYZ color 47.1757, 53.2491, 55.3686.

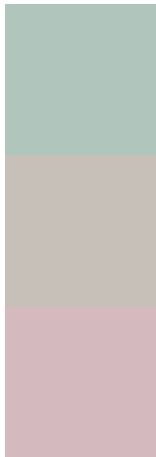


This preview shows how white text looks on a background with the XYZ color 47.1757, 53.2491,

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

47.1757, 53.2491, 55.3686

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.0045, 52.8326, 56.0666



Tritanopia

49.9704, 53.3867, 68.6437

Trichromacy



Original Color

47.1757, 53.2491, 55.3686

Protanomaly

49.3899, 53.0759, 54.0959

Deuteranomaly

51.1520, 52.6431, 55.6093

Tritanomaly

48.9910, 53.3278, 63.5883

Monochromacy



Original Color

47.1757, 53.2491, 55.3686

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2629, 52.1283, 55.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1757, 53.2491, 55.3686 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(176, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 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(176, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.1757, 53.2491, 55.3686 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(176, 198, 188) }
```


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

```
.border{ border-color:rgb(176, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1757, 53.2491, 55.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 188) }
```

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

```
.background{ background-color: rgb(176,  
198, 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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