

Converting Colors

XYZ(41.0479, 48.7811, 55.1927)

Have a look what the booklet for
XYZ(41.0479, 48.7811, 55.1927)
contains.

XYZ(41.0548, 48.7417, 55.3884)	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(41.0548, 48.7417,
55.3884)**

Conversions

Conversions Part 1

Format	Color
Hex	96C2BD
RGB	150, 194, 189
RGB Percent	59%, 76%, 74%
CMY	0.4118, 0.2392, 0.2588
CMYK	0.23, 0.00, 0.03, 0.24
HSL	173°, 27%, 67%
HSV	173°, 23%, 76%
XYZ	41.0548, 48.7417, 55.3884
YIQ	180.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

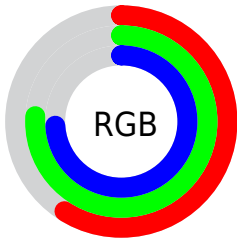
Format	Color
RYB	150, 173, 194
Decimal	9880253
CIELab	75.29, -15.53, -2.26
CIELCh	75, 15.697, 188.271
Yxy	48.7417, 0.2828, 0.3357
Android (android.graphics.Color)	4288070333 (0xFF96C2BD)
YUV	180.2740, 4.3019, -26.5503
Hunter-Lab	69.8153, -17.2099, 1.8326

Details

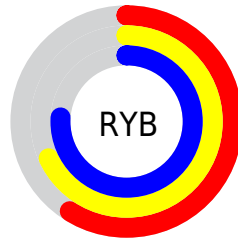
The XYZ color **41.0548, 48.7417, 55.3884** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0726, 35.6500, 35.8342**, and the grayscale version is **43.5178, 45.7841, 49.8589**.

A 20% lighter version of the original color is **76.1554, 88.5661, 99.4673**, and **18.8590, 23.1304, 26.7632** is the 20% darker color. If you saturate the color by 10%, you get **37.5390, 46.9579, 53.9845**, and if you desaturate by 10%, it is **45.1681, 50.8356, 56.8414**.

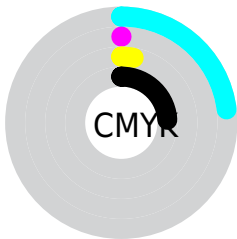
Distribution



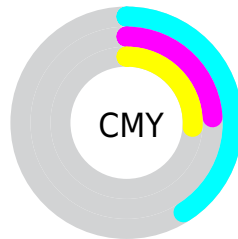
- Red (59%)
- Green (76%)
- Blue (74%)



- Red (59%)
- Yellow (68%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0548, 48.7417, 55.3884 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 41.0548, 48.7417, 55.3884 by changing the saturation by 10% instead.


 41.0548, 48.7417,
55.3884


 41.0548, 48.7417,
55.3884


341.6083,
381.7246, 424.7059

 28.5498, 34.4146,
39.3121

 76.0413, 88.3077,
99.5866

 18.8831, 23.2123,
26.6929


 99.2534, 114.3154,
128.5456

 11.6893, 14.7504,
17.1123


126.7653,
144.9855, 162.6359

 6.6032, 8.6444,
10.1518

158.9422,
180.7022, 202.2761

 3.2593, 4.5100,
5.3928

196.1497,
221.8502, 247.8846

 1.2923, 1.9627,
2.4168

238.7529,

 0.1775, 0.5857,

268.8136, 299.8801

0.7956

287.1173,
321.9769, 358.6810

■ 0.0000, 0.0000,
0.0000

■ 41.0548, 48.7417,
55.3884

■ 41.0548, 48.7417,
55.3884

■ 37.5390, 46.9579,
53.9845

■ 45.1681, 50.8356,
56.8414

■ 34.5873, 45.4634,
52.6249

■ 49.9018, 53.2476,
58.3414

■ 32.1698, 44.2437,
51.3091

■ 55.2827, 55.9928,
59.8909

■ 30.2516, 43.2810,
50.0354

■ 61.3347, 59.0836,
61.4911

■ 28.7941, 42.5554,
48.8020

■ 68.0806, 62.5317,
63.1431

■ 27.7527, 42.0440,
47.6067

■ 71.2211, 64.1207,
64.6457

■ 27.0742, 41.7192,
46.4468

■ 71.4846, 64.2261,
66.0333

■ 26.7340, 41.5618,
45.6168

■ 71.7519, 64.3329,
67.4405

■ 72.0229, 64.4414,
68.8676

Harmonies

Analogous

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



41.3658, 48.7417, 47.4074



41.0548, 48.7417, 55.3884



42.1098, 48.7417, 63.5258

Triad

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



41.0548, 48.7417, 55.3884



49.8470, 48.7417, 66.5386



48.4105, 48.7417, 39.6459

Complementary

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



41.0548, 48.7417, 55.3884



39.0726, 35.6500, 35.8342

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.



50.8179, 48.7417, 43.8319



41.0548, 48.7417, 55.3884



51.6709, 48.7417, 59.1695

Square

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



41.0548, 48.7417, 55.3884



47.1296, 48.7417, 70.3859



52.0334, 48.7417, 50.8200



45.5346, 48.7417, 38.8583

Rectangle

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



41.0548, 48.7417, 55.3884



43.4726, 48.7417, 67.7542



52.0334, 48.7417, 50.8200



49.3048, 48.7417, 40.6797

Sweetspot

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



41.0562, 48.7437, 55.3895



86.4643, 94.4581, 104.4805



38.3415, 47.7694, 36.0548



18.8185, 20.6261, 22.8434



0.0000, 0.0000, 0.0000



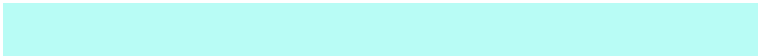
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0562, 48.7437, 55.3895



71.2240, 86.7041, 99.1287



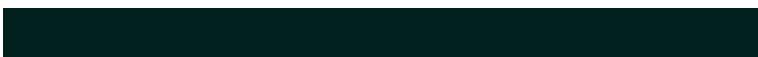
38.0653, 41.8777, 57.1181



10.3176, 11.4081, 12.6759



17.5953, 27.3322, 30.0918



0.7745, 1.1867, 1.3755

Inverse Universe

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



39.0726, 35.6500, 35.8342



67.0271, 58.9880, 57.7441



41.5492, 41.2616, 34.6296



10.1187, 10.0961, 10.7158



14.7389, 7.5853, 1.2709



0.6527, 0.3341, 0.1383

Previews

White Background



This preview shows how the XYZ color 41.0548, 48.7417, 55.3884 looks on a white background.

Color Contrast Check

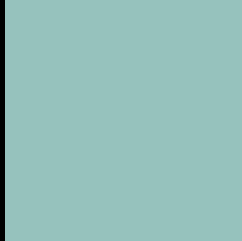
Large Text (above 18pt) WCAG AA × Fail

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 41.0548, 48.7417, 55.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

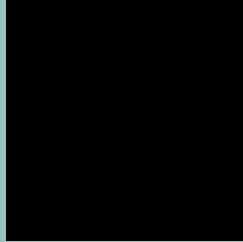
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

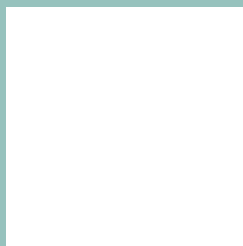
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0548, 48.7417, 55.3884

Background



This preview shows how black text looks on a background with the XYZ color 41.0548, 48.7417, 55.3884.

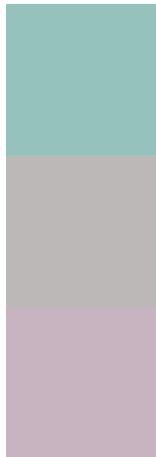


This preview shows how white text looks on a background with the XYZ color 41.0548, 48.7417,

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

41.0548, 48.7417, 55.3884

Protanopia

46.4268, 48.3912, 51.6932

Deuteranopia

49.4539, 48.3253, 56.5904



Tritanopia

43.2197, 48.6366, 66.1414

Trichromacy



Original Color

41.0548, 48.7417, 55.3884

Protanomaly

44.1957, 48.4679, 52.9248

Deuteranomaly

45.8359, 47.9877, 56.1369

Tritanomaly

42.4118, 48.6417, 61.7970

Monochromacy



Original Color

41.0548, 48.7417, 55.3884

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2584, 46.5518, 51.5579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0548, 48.7417, 55.3884 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(150, 194, 189)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 189)  
}
```

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(150, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.0548, 48.7417, 55.3884 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(150, 194, 189) }
```


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

```
.border{ border-color:rgb(150, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 194, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 194, 189); box-shadow:4px 4px 4px 4px rgb(150, 194, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0548, 48.7417, 55.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 189) }
```

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

```
.background{ background-color: rgb(150,  
194, 189) }
```

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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