

Converting Colors

XYZ(33.5462, 45.5337, 55.1586)

Have a look what the booklet for
XYZ(33.5462, 45.5337, 55.1586)
contains.

XYZ(33.5413, 45.5337, 55.1652)	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(33.5413, 45.5337,
55.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC4BD
RGB	94, 196, 189
RGB Percent	37%, 77%, 74%
CMY	0.6314, 0.2314, 0.2588
CMYK	0.52, 0.00, 0.04, 0.23
HSL	176°, 46%, 57%
HSV	176°, 52%, 77%
XYZ	33.5413, 45.5337, 55.1652
YIQ	164.7040, -58.5450, -23.8010

Conversions

Conversions Part 2

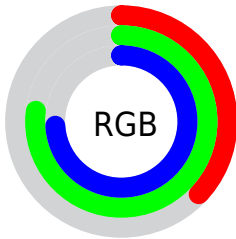
Format	Color
RYB	94, 147, 196
Decimal	6210749
CIELab	73.24, -31.33, -5.57
CIELCh	73, 31.823, 190.090
Yxy	45.5337, 0.2499, 0.3392
Android (android.graphics.Color)	4284400829 (0xFF5EC4BD)
YUV	164.7040, 11.9779, -62.0074
Hunter-Lab	67.4787, -29.3615, -1.2357

Details

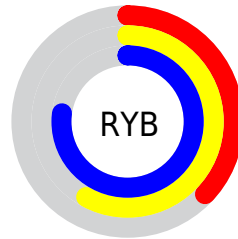
The XYZ color **33.5413, 45.5337, 55.1652** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **29.1181, 20.6820, 14.7707**, and the grayscale version is **35.5882, 37.4415, 40.7738**.

A 20% lighter version of the original color is **64.5556, 83.5185, 99.1045**, and **14.5429, 21.3432, 26.6457** is the 20% darker color. If you saturate the color by 10%, you get **31.6359, 44.5693, 54.3181**, and if you desaturate by 10%, it is **35.9610, 46.7652, 56.0455**.

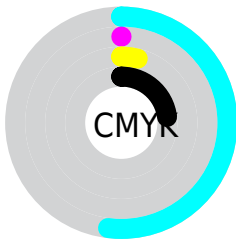
Distribution



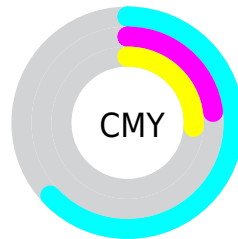
- Red (37%)
- Green (77%)
- Blue (74%)



- Red (37%)
- Yellow (58%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)




- Cyan (63%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5413, 45.5337, 55.1652 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 33.5413, 45.5337, 55.1652 by changing the saturation by 10% instead.

 33.5413, 45.5337,
55.1652


 33.5413, 45.5337,
55.1652


309.7039,
368.9308, 423.8374


 22.7027, 31.8780,
39.1345

 64.5688, 83.5207,
99.2565

 14.4936, 21.2683,
26.5557

 85.4883, 108.6208,
128.1543

 8.5487, 13.3203,
17.0104


 110.4988,
138.3045, 162.1781

 4.5028, 7.6495,
10.0799

 139.9657,
172.9562, 201.7465

 1.9903, 3.8715,
5.3456

174.2543,
212.9603, 247.2781

 0.6285, 1.6019,
2.3892

213.7299,

 0.0000, 0.3589,

258.7011, 299.1915

0.7805

258.7580,
310.5632, 357.9050

■ 0.0000, 0.0000,
0.0000

■ 33.5413, 45.5337,
55.1652

■ 33.5413, 45.5337,
55.1652

■ 31.6359, 44.5693,
54.3181

■ 35.9610, 46.7652,
56.0455

■ 30.2015, 43.8465,
53.4990

■ 38.9262, 48.2768,
56.9574

■ 29.1940, 43.3436,
52.7070

■ 42.4706, 50.0867,
57.9035

■ 28.5595, 43.0328,
51.9394

■ 46.6237, 52.2103,
58.8853

■ 28.2410, 42.8815,
51.3422

■ 51.4133, 54.6618,
59.9040

■ 56.8651, 57.4546,
60.9608

■ 63.0038, 60.6013,
62.0570

■ 69.8526, 64.1139,
63.1936

■ 71.5364, 64.9637,
64.0957

Harmonies

Analogous

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



33.9445, 45.5337, 39.8230



33.5413, 45.5337, 55.1652



35.5701, 45.5337, 72.1444

Triad

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



33.5413, 45.5337, 55.1652



50.5706, 45.5337, 77.0327



47.0404, 45.5337, 25.9151

Complementary

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



33.5413, 45.5337, 55.1652



29.1181, 20.6820, 14.7707

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.



52.0269, 45.5337, 32.2896



33.5413, 45.5337, 55.1652



54.1835, 45.5337, 60.8096

Square

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



33.5413, 45.5337, 55.1652



45.1875, 45.5337, 86.4503



54.7382, 45.5337, 44.3822



41.4238, 45.5337, 25.0407

Rectangle

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



33.5413, 45.5337, 55.1652



38.1403, 45.5337, 81.3091



54.7382, 45.5337, 44.3822



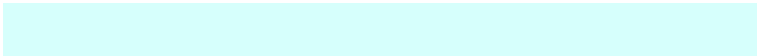
48.8584, 45.5337, 27.4085

Sweetspot

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



33.5426, 45.5355, 55.1663



81.1522, 92.8872, 105.9129



27.2980, 43.1439, 17.4794



17.0346, 19.7102, 22.5902



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.



33.5426, 45.5355, 55.1663



57.0306, 80.5965, 98.2558



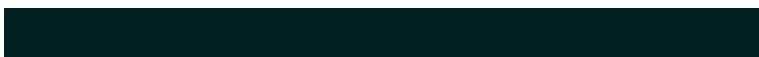
26.0545, 29.3132, 56.5114



10.3377, 11.4161, 12.7818



18.1584, 27.5574, 33.0568



0.7937, 1.1943, 1.4764

Inverse Universe

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



29.1181, 20.6820, 14.7707



48.1991, 30.8684, 17.5364



33.6616, 30.2949, 14.6639



10.1006, 10.0889, 10.6204



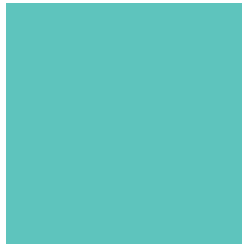
14.6881, 7.5650, 1.0035



0.6445, 0.3308, 0.0952

Previews

White Background



This preview shows how the XYZ color 33.5413, 45.5337, 55.1652 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 33.5413, 45.5337, 55.1652 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

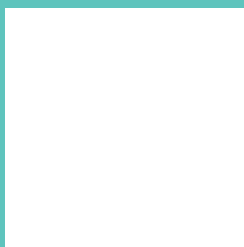
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5413, 45.5337, 55.1652

Background



This preview shows how black text looks on a background with the XYZ color 33.5413, 45.5337, 55.1652.

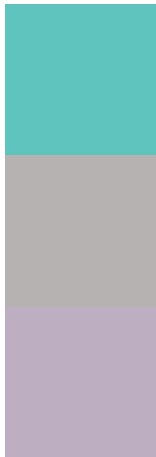


This preview shows how white text looks on a background with the XYZ color 33.5413, 45.5337,

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

33.5413, 45.5337, 55.1652

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.8599, 44.9860, 57.3050



Tritanopia

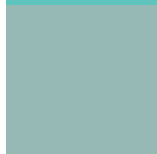
35.9454, 45.5101, 67.2114

Trichromacy



Original Color

33.5413, 45.5337, 55.1652



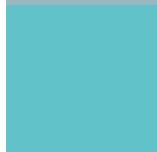
Protanomaly

38.3701, 44.5594, 50.8345



Deuteranomaly

39.5688, 44.1317, 56.3019



Tritanomaly

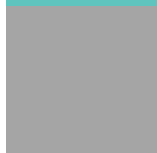
34.9895, 45.4445, 62.8046

Monochromacy



Original Color

33.5413, 45.5337, 55.1652



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.8128, 39.5956, 45.9050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5413, 45.5337, 55.1652 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(94, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(94, 196, 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(94, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 196, 189) }
```

Border

The CSS property to change the border of an element to XYZ 33.5413, 45.5337, 55.1652 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(94, 196, 189) }
```


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

```
.border{ border-color:rgb(94, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(94, 196,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5413, 45.5337, 55.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 196, 189) }
```

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

```
.background{ background-color: rgb(94, 196,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor