

Converting Colors

XYZ(37.7691, 43.6885, 55.3866)

Have a look what the booklet for
XYZ(37.7691, 43.6885, 55.3866)
contains.

XYZ(37.7624, 43.8383, 55.1865)	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(37.7624, 43.8383,
55.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB8BE
RGB	143, 184, 190
RGB Percent	56%, 72%, 75%
CMY	0.4392, 0.2784, 0.2549
CMYK	0.25, 0.03, 0.00, 0.25
HSL	188°, 27%, 65%
HSV	188°, 25%, 75%
XYZ	37.7624, 43.8383, 55.1865
YIQ	172.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

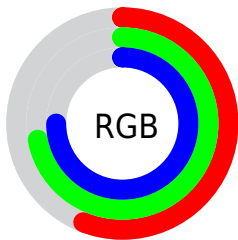
Format	Color
RYB	143, 165, 190
Decimal	9418942
CIELab	72.12, -12.26, -7.53
CIElCh	72, 14.384, 211.565
Yxy	43.8383, 0.2761, 0.3205
Android (android.graphics.Color)	4287609022 (0xFF8FB8BE)
YUV	172.4250, 8.6645, -25.8057
Hunter-Lab	66.2105, -14.0629, -3.0709

Details

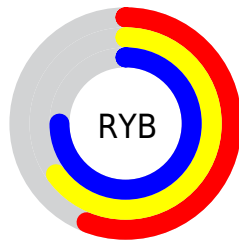
The XYZ color **37.7624, 43.8383, 55.1865** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9410, 34.4253, 30.6852**, and the grayscale version is **39.3960, 41.4477, 45.1365**.

A 20% lighter version of the original color is **71.0833, 80.9798, 99.0729**, and **16.9460, 20.2629, 26.6849** is the 20% darker color. If you saturate the color by 10%, you get **34.2487, 41.2867, 54.8799**, and if you desaturate by 10%, it is **41.8444, 46.6979, 55.5240**.

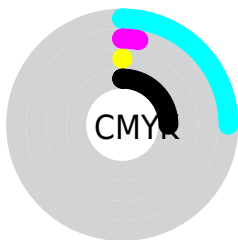
Distribution



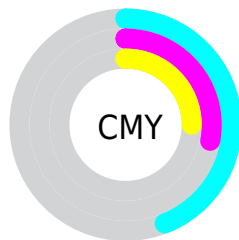
- Red (56%)
- Green (72%)
- Blue (75%)



- Red (56%)
- Yellow (65%)
- Blue (75%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (44%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7624, 43.8383, 55.1865 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 37.7624, 43.8383, 55.1865 by changing the saturation by 10% instead.

■ 37.7624, 43.8383,
55.1865

■ 37.7624, 43.8383,
55.1865

327.8981,
362.0480, 423.9204

■ 25.9747, 30.5434,
39.1515

■ 71.0501, 80.9744,
99.2880

■ 16.9373, 20.2514,
26.5688

■ 93.2807, 105.5843,
128.1916

■ 10.2848, 12.5779,
17.0201

119.7231,
134.7348, 162.2218

■ 5.6519, 7.1386,
10.0867

150.7426,
168.8101, 201.7971

■ 2.6732, 3.5489,
5.3501

186.7045,
208.1947, 247.3360

■ 0.9834, 1.4246,
2.3918

227.9741,

■ 0.0000, 0.2347,

253.2729, 299.2572

0.7820

274.9169,
304.4293, 357.9791

■ 0.0000, 0.0000,
0.0000

■ 37.7624, 43.8383,
55.1865

■ 37.7624, 43.8383,
55.1865

■ 34.2487, 41.2867,
54.8799

■ 41.8444, 46.6979,
55.5240

■ 31.2714, 39.0233,
54.5999

■ 46.5170, 49.8737,
55.8908

■ 28.8011, 37.0339,
54.3462

■ 51.8058, 53.3802,
56.2888

■ 26.8043, 35.3013,
54.1170

■ 57.7341, 57.2293,
56.7193

■ 25.2432, 33.8058,
53.9106

■ 64.3237, 61.4324,
57.1833

■ 24.0741, 32.5249,
53.7250

■ 70.8547, 65.6184,
57.6470

■ 23.2441, 31.4312,
53.5576

■ 71.4154, 66.7398,
57.8339

■ 22.8861, 30.9013,
53.4742

■ 71.9850, 67.8790,
58.0238

■ 72.5636, 69.0362,
58.2167

Harmonies

Analogous

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



37.1119, 43.8383, 48.1036



37.7624, 43.8383, 55.1865



39.4534, 43.8383, 60.6738

Triad

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



37.7624, 43.8383, 55.1865



45.9697, 43.8383, 54.4832



41.5379, 43.8383, 35.4226

Complementary

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



37.7624, 43.8383, 55.1865



36.9410, 34.4253, 30.6852

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.



43.9619, 43.8383, 36.7760



37.7624, 43.8383, 55.1865



46.5803, 43.8383, 47.3632

Square

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



37.7624, 43.8383, 55.1865



44.1943, 43.8383, 60.2405



45.8319, 43.8383, 40.9818



39.2379, 43.8383, 37.0880

Rectangle

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



37.7624, 43.8383, 55.1865



40.9765, 43.8383, 62.4378



45.8319, 43.8383, 40.9818



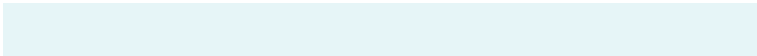
42.3652, 43.8383, 35.5388

Sweetspot

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



37.7637, 43.8401, 55.1875



82.1820, 88.9558, 101.1179



35.1256, 44.8208, 35.0188



17.9296, 19.4549, 22.1955



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.7637, 43.8401, 55.1875



64.6481, 76.7174, 99.6798



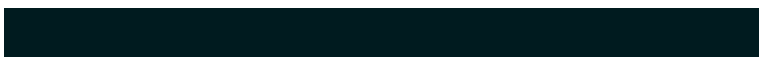
33.3705, 35.0538, 53.7231



9.7019, 10.5961, 12.2061



15.2579, 20.6275, 35.5702



0.6271, 0.8668, 1.4031

Inverse Universe

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



39.7104, 34.0537, 49.8295



68.8678, 55.9467, 87.9661



40.9432, 42.4298, 32.0193



9.8761, 9.6748, 11.7367



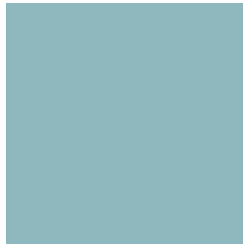
18.7022, 9.1120, 24.7893



0.7474, 0.3629, 1.0492

Previews

White Background



This preview shows how the XYZ color 37.7624, 43.8383, 55.1865 looks on a white background.

Color Contrast Check

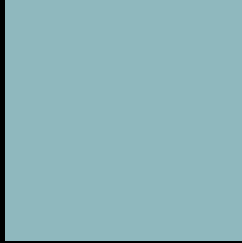
Large Text (above 18pt) WCAG AA × Fail

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 37.7624, 43.8383, 55.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

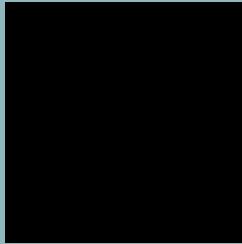
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7624, 43.8383, 55.1865

Background



This preview shows how black text looks on a background with the XYZ color 37.7624, 43.8383, 55.1865.



This preview shows how white text looks on a background with the XYZ color 37.7624, 43.8383,

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

37.7624, 43.8383, 55.1865

Protanopia

42.2184, 43.5098, 52.0720

Deuteranopia

44.4382, 43.4152, 56.4899



Tritanopia

38.6886, 43.9179, 59.2612

Trichromacy



Original Color

37.7624, 43.8383, 55.1865

Protanomaly

40.4071, 43.4280, 53.2665

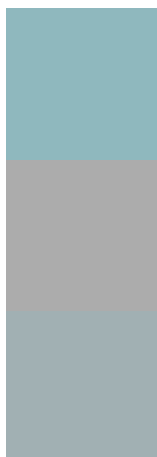
Deuteranomaly

41.6173, 43.4025, 56.0532

Tritanomaly

38.1727, 43.6913, 57.4603

Monochromacy



Original Color

37.7624, 43.8383, 55.1865

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.3600, 41.8824, 48.7102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7624, 43.8383, 55.1865 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(143, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(143, 184, 190)  
}
```

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(143, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 184, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.7624, 43.8383, 55.1865 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(143, 184, 190) }
```


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

```
.border{ border-color:rgb(143, 184, 190) }
```

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

Here you see how a box with a 4 pixel rgb(143, 184, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(143, 184,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7624, 43.8383, 55.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 184, 190) }
```

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

```
.background{ background-color: rgb(143,  
184, 190) }
```

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