

Converting Colors

XYZ(37.4427, 43.5274, 63.3553)

Have a look what the booklet for
XYZ(37.4427, 43.5274, 63.3553)
contains.

| | |
|--|----|
| XYZ(37.3996, 43.4659, 63.5453) | 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(37.3996, 43.4659,
63.5453)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 83B8CC |
| RGB | 131, 184, 204 |
| RGB Percent | 51%, 72%, 80% |
| CMY | 0.4863, 0.2784, 0.2000 |
| CMYK | 0.36, 0.10, 0.00, 0.20 |
| HSL | 196°, 42%, 66% |
| HSV | 196°, 36%, 80% |
| XYZ | 37.3996, 43.4659, 63.5453 |
| YIQ | 170.4330, -38.0080, -5.0160 |

Conversions

Conversions Part 2

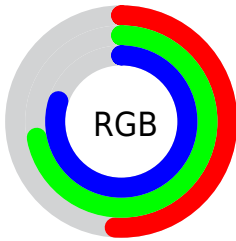
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 131, 162, 204 |
| Decimal | 8632524 |
| CIELab | 71.87, -12.36, -15.64 |
| CIElCh | 72, 19.930, 231.679 |
| Yxy | 43.4659, 0.2590, 0.3010 |
| Android (android.graphics.Color) | 4286822604 (0xFF83B8CC) |
| YUV | 170.4330, 16.5485, -34.5827 |
| Hunter-Lab | 65.9287, -14.1168, -10.9965 |

Details

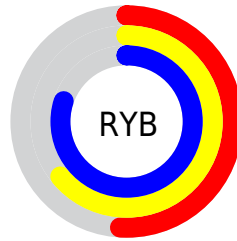
The XYZ color **37.3996, 43.4659, 63.5453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0658, 36.6097, 26.4284**, and the grayscale version is **38.3591, 40.3568, 43.9486**.

A 20% lighter version of the original color is **69.4598, 79.9793, 106.3844**, and **16.7632, 20.0543, 31.8415** is the 20% darker color. If you saturate the color by 10%, you get **33.4080, 39.7196, 63.0333**, and if you desaturate by 10%, it is **42.0619, 47.6280, 64.1037**.

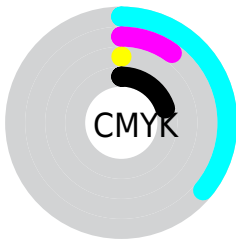
Distribution



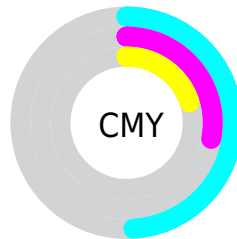
- Red (51%)
- Green (72%)
- Blue (80%)



- Red (51%)
- Yellow (64%)
- Blue (80%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3996, 43.4659, 63.5453 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 37.3996, 43.4659, 63.5453 by changing the saturation by 10% instead.

■ 37.3996, 43.4659,
63.5453

■ 37.3996, 43.4659,
63.5453

326.3629,
360.5243, 455.7081

■ 25.6921, 30.2508,
45.8387

■ 70.4968, 80.4134,
111.5490

■ 16.7249, 20.0291,
31.7708

■ 92.6172, 104.9147,
142.6831

■ 10.1327, 12.4162,
20.9231

■ 118.9394,
133.9469, 179.1302

■ 5.5499, 7.0278,
12.8771

149.8285,
167.8943, 221.3087

■ 2.6114, 3.4795,
7.2142

185.6501,
207.1413, 269.6372

■ 0.9518, 1.3869,
3.5160

226.7695,

■ 0.0000, 0.2070,

252.0724, 324.5342

1.3638

273.5520,
303.0719, 386.4184

■ 0.0000, 0.0000,
0.1132

■ 0.0000, 0.0000,
0.0000

■ 37.3996, 43.4659,
63.5453

■ 37.3996, 43.4659,
63.5453

■ 33.4080, 39.7196,
63.0333

■ 42.0619, 47.6280,
64.1037

■ 30.0457, 36.3641,
62.5629

■ 47.4249, 52.2193,
64.7072

■ 27.2731, 33.3790,
62.1328

■ 53.5218, 57.2584,
65.3585

■ 25.0439, 30.7399,
61.7409

■ 60.3824, 62.7616,
66.0592

■ 23.3046, 28.4182,
61.3844

■ 68.0347, 68.7440,
66.8106

■ 21.9887, 26.3788,
61.0602

■ 76.5053, 75.2201,
67.6141

■ 21.5072, 25.5757,
60.9305

■ 78.5599, 78.4610,
68.1314

■ 80.0789, 81.4991,
68.6377

■ 81.6477, 84.6366,
69.1607

Harmonies

Analogous

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



35.5440, 43.4659, 54.5676



37.3996, 43.4659, 63.5453



40.3764, 43.4659, 68.3184

Triad

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



37.3996, 43.4659, 63.5453



48.1080, 43.4659, 50.0818



38.9503, 43.4659, 32.0055

Complementary

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



37.3996, 43.4659, 63.5453



40.0658, 36.6097, 26.4284

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.



42.2640, 43.4659, 31.1469



37.3996, 43.4659, 63.5453



47.6747, 43.4659, 40.7570

Square

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



37.3996, 43.4659, 63.5453



46.6439, 43.4659, 59.8789



45.4904, 43.4659, 34.1335



36.4047, 43.4659, 36.6644

Rectangle

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



37.3996, 43.4659, 63.5453



42.6474, 43.4659, 68.0759



45.4904, 43.4659, 34.1335



40.0068, 43.4659, 31.2909

Sweetspot

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



37.4009, 43.4676, 63.5463



83.0702, 90.2576, 107.6509



36.4965, 50.2290, 36.8242



17.4875, 19.0758, 23.0103



0.0000, 0.0000, 0.0000



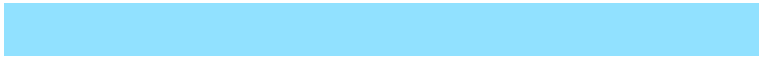
20.3446, 21.4041, 23.3091

Same Dimension

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



37.4009, 43.4676, 63.5463



56.7037, 67.1012, 104.5710



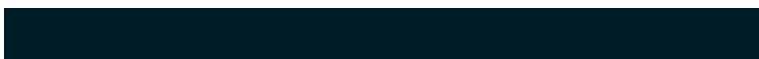
30.8553, 30.3763, 61.3644



11.2733, 12.1870, 14.3285



13.6178, 16.2596, 38.3770



0.7638, 0.9613, 2.0002

Inverse Universe

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



41.6709, 32.5317, 49.4322



65.0043, 47.0521, 76.8625



46.7627, 50.0035, 28.6607



11.5513, 11.3493, 13.4378



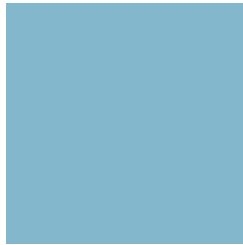
19.0846, 9.4444, 18.6957



1.0155, 0.4996, 1.1272

Previews

White Background



This preview shows how the XYZ color 37.3996, 43.4659, 63.5453 looks on a white background.

Color Contrast Check

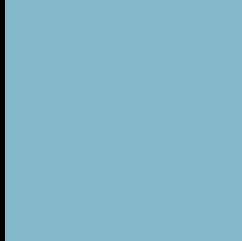
Large Text (above 18pt) WCAG AA × Fail

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 37.3996, 43.4659, 63.5453 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 37.3996, 43.4659, 63.5453

Background



This preview shows how black text looks on a background with the XYZ color 37.3996, 43.4659, 63.5453.



This preview shows how white text looks on a background with the XYZ color 37.3996, 43.4659,

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

37.3996, 43.4659, 63.5453

Protanopia

42.3424, 43.1200, 59.5174

Deuteranopia

43.9569, 42.9779, 65.0103



Tritanopia

36.9802, 43.6139, 61.1128

Trichromacy



Original Color

37.3996, 43.4659, 63.5453

Protanomaly

40.2503, 43.1790, 60.8565

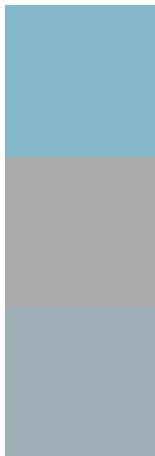
Deuteranomaly

41.1631, 42.9805, 64.5191

Tritanomaly

37.0975, 43.6608, 61.7305

Monochromacy



Original Color

37.3996, 43.4659, 63.5453

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.4838, 41.1053, 50.2145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3996, 43.4659, 63.5453 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(131, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(131, 184, 204)  
}
```

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(131, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 184, 204) }
```

Border

The CSS property to change the border of an element to XYZ 37.3996, 43.4659, 63.5453 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(131, 184, 204) }
```


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

```
.border{ border-color:rgb(131, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(131, 184,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3996, 43.4659, 63.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 184, 204) }
```

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

```
.background{ background-color: rgb(131,  
184, 204) }
```

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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