

Converting Colors

XYZ(37.0675, 43.3376, 59.9443)

Have a look what the booklet for
XYZ(37.0675, 43.3376, 59.9443)
contains.

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Color

**XYZ(37.0064, 43.3447,
59.8420)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85B8C6 |
| RGB | 133, 184, 198 |
| RGB Percent | 52%, 72%, 78% |
| CMY | 0.4784, 0.2784, 0.2235 |
| CMYK | 0.33, 0.07, 0.00, 0.22 |
| HSL | 193°, 36%, 65% |
| HSV | 193°, 33%, 78% |
| XYZ | 37.0064, 43.3447, 59.8420 |
| YIQ | 170.3470, -34.8900, -6.4580 |

Conversions

Conversions Part 2

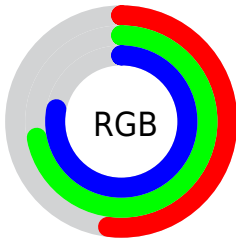
| Format | Color |
|-------------------------------------|---|
| RYB | 133, 162, 198 |
| Decimal | 8763590 |
| CIELab | 71.79, -13.29, -12.47 |
| CIELCh | 72, 18.224, 223.157 |
| Yxy | 43.3447, 0.2640, 0.3092 |
| Android (android.graphics.Color) | 4286953670 (0xFF85B8C6) |
| YUV | 170.3470, 13.6329, -32.7533 |
| Hunter-Lab | 65.8367, -14.8805, -7.8057 |

Details

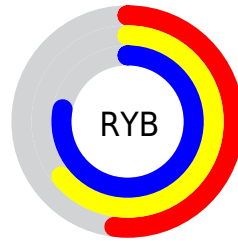
The XYZ color **37.0064, 43.3447, 59.8420** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.9568, 34.5672, 26.8630**, and the grayscale version is **38.3292, 40.3253, 43.9142**.

A 20% lighter version of the original color is **69.9491, 80.2315, 106.4073**, and **16.4586, 19.9517, 29.3692** is the 20% darker color. If you saturate the color by 10%, you get **33.2980, 40.1388, 59.4194**, and if you desaturate by 10%, it is **41.3333, 46.9113, 60.3031**.

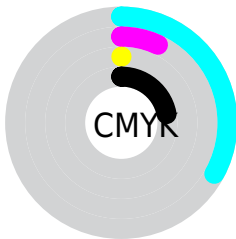
Distribution



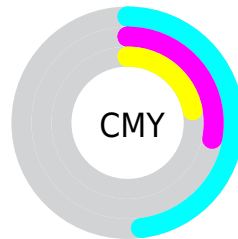
- Red (52%)
- Green (72%)
- Blue (78%)



- Red (52%)
- Yellow (64%)
- Blue (78%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0064, 43.3447, 59.8420 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 37.0064, 43.3447, 59.8420 by changing the saturation by 10% instead.

■ 37.0064, 43.3447,
59.8420

■ 37.0064, 43.3447,
59.8420

324.6933,
360.0274, 441.8036

■ 25.3861, 30.1557,
42.8668

■ 69.8964, 80.2308,
106.1416

■ 16.4952, 19.9568,
29.4500

■ 91.8968, 104.6966,
136.3030

■ 9.9683, 12.3636,
19.1730

■ 118.0881,
133.6901, 171.6970

■ 5.4401, 6.9918,
11.6173

148.8354,
167.5958, 212.7421

■ 2.5451, 3.4570,
6.3643

184.5043,
206.7979, 259.8567

■ 0.9181, 1.3747,
2.9955

225.4600,

■ 0.0000, 0.1980,

251.6810, 313.4595

1.0923

272.0678,
302.6294, 373.9689

■ 0.0000, 0.0000,
0.0000

■ 37.0064, 43.3447,
59.8420

■ 37.0064, 43.3447,
59.8420

■ 33.2980, 40.1388,
59.4194

■ 41.3333, 46.9113,
60.3031

■ 30.1709, 37.2707,
59.0306

■ 46.3057, 50.8495,
60.8012

■ 27.5895, 34.7230,
58.6749

■ 51.9536, 55.1763,
61.3387

■ 25.5129, 32.4740,
58.3503

■ 58.3039, 59.9058,
61.9168

■ 23.8939, 30.4992,
58.0544

■ 65.3820, 65.0515,
62.5370

■ 22.6758, 28.7690,
57.7846

■ 73.2121, 70.6262,
63.2003

■ 21.9745, 27.6399,
57.6037

■ 75.4424, 73.3556,
63.6096

■ 76.5348, 75.5405,
63.9738

■ 77.6556, 77.7822,
64.3474

Harmonies

Analogous

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



35.6692, 43.3447, 51.1826



37.0064, 43.3447, 59.8420



39.4971, 43.3447, 65.4635

Triad

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



37.0064, 43.3447, 59.8420



47.1616, 43.3447, 52.3088



39.8578, 43.3447, 32.4653

Complementary

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



37.0064, 43.3447, 59.8420



37.9568, 34.5672, 26.8630

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.



42.9468, 43.3447, 32.6870



37.0064, 43.3447, 59.8420



47.2701, 43.3447, 43.4201

Square

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



37.0064, 43.3447, 59.8420



45.4049, 43.3447, 60.7550



45.6944, 43.3447, 36.4686



37.2590, 43.3447, 35.8195

Rectangle

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



37.0064, 43.3447, 59.8420



41.5265, 43.3447, 66.3448



45.6944, 43.3447, 36.4686



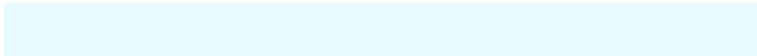
40.8709, 43.3447, 32.1379

Sweetspot

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



37.0077, 43.3464, 59.8430



84.5559, 92.0264, 107.9140



35.0562, 47.4509, 34.5065



17.8044, 19.4700, 23.0696



0.0000, 0.0000, 0.0000



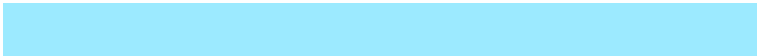
20.3446, 21.4041, 23.3091

Same Dimension

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



37.0077, 43.3464, 59.8430



60.9775, 72.8513, 105.4556



31.1765, 31.6840, 57.8993



10.7454, 11.6649, 13.6027



14.3549, 18.1038, 37.4822



0.7294, 0.9566, 1.7913

Inverse Universe

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



40.3291, 32.2427, 49.4471



67.8445, 50.8027, 83.7579



43.5433, 45.7403, 28.7252



10.9815, 10.7760, 12.8860



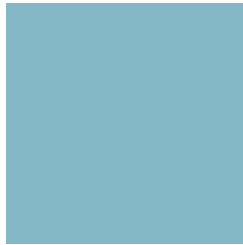
19.0450, 9.3676, 21.2448



0.9269, 0.4536, 1.1380

Previews

White Background



This preview shows how the XYZ color 37.0064, 43.3447, 59.8420 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 37.0064, 43.3447, 59.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

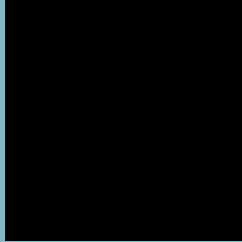
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0064, 43.3447, 59.8420

Background



This preview shows how black text looks on a background with the XYZ color 37.0064, 43.3447, 59.8420.



This preview shows how white text looks on a background with the XYZ color 37.0064, 43.3447,

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

37.0064, 43.3447, 59.8420

Protanopia

42.1060, 43.0765, 55.9645

Deuteranopia

43.9279, 43.0462, 61.2518



Tritanopia

37.1222, 43.3910, 60.4516

Trichromacy



Original Color

37.0064, 43.3447, 59.8420

Protanomaly

39.9561, 43.1068, 57.2535

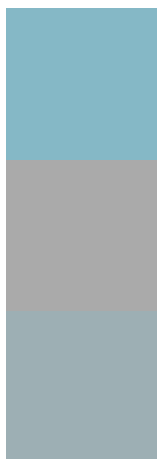
Deuteranomaly

41.0549, 43.0073, 60.7810

Tritanomaly

37.1222, 43.3910, 60.4516

Monochromacy



Original Color

37.0064, 43.3447, 59.8420

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.4728, 41.1233, 49.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0064, 43.3447, 59.8420 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(133, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(133, 184, 198)  
}
```

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(133, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 184, 198) }
```

Border

The CSS property to change the border of an element to XYZ 37.0064, 43.3447, 59.8420 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(133, 184, 198) }
```


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

```
.border{ border-color:rgb(133, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(133, 184,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0064, 43.3447, 59.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 184, 198) }
```

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

```
.background{ background-color: rgb(133,  
184, 198) }
```

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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