

Converting Colors

XYZ(36.0527, 43.4787, 47.2984)

Have a look what the booklet for
XYZ(36.0527, 43.4787, 47.2984)
contains.

XYZ(35.9020, 43.3685, 47.0362)	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(35.9020, 43.3685,
47.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB9AF
RGB	140, 185, 175
RGB Percent	55%, 73%, 69%
CMY	0.4510, 0.2745, 0.3137
CMYK	0.24, 0.00, 0.05, 0.27
HSL	167°, 24%, 64%
HSV	167°, 24%, 73%
XYZ	35.9020, 43.3685, 47.0362
YIQ	170.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

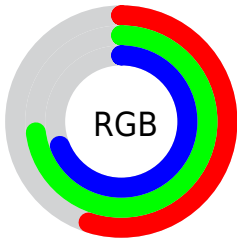
Format	Color
R_{YB}	140, 165, 185
Decimal	9222575
CIE _{Lab}	71.80, -17.03, 0.20
CIE _{LCh}	72, 17.033, 179.335
Y _{xy}	43.3685, 0.2842, 0.3434
Android (android.graphics.Color)	4287412655 (0xFF8CB9AF)
YUV	170.4050, 2.2653, -26.6652
Hunter-Lab	65.8548, -17.9331, 3.7510

Details

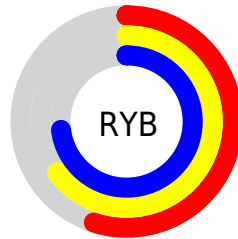
The XYZ color **35.9020, 43.3685, 47.0362** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8921, 31.2735, 33.0532**, and the grayscale version is **38.4090, 40.4093, 44.0057**.

A 20% lighter version of the original color is **67.9864, 80.0931, 86.7392**, and **15.9462, 20.0564, 21.7697** is the 20% darker color. If you saturate the color by 10%, you get **32.6455, 41.7368, 44.8083**, and if you desaturate by 10%, it is **39.6974, 45.2789, 49.3554**.

Distribution



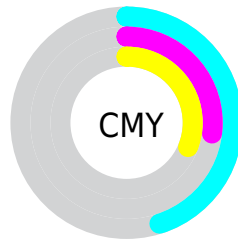
- Red (55%)
- Green (73%)
- Blue (69%)



- Red (55%)
- Yellow (65%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9020, 43.3685, 47.0362 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 35.9020, 43.3685, 47.0362 by changing the saturation by 10% instead.

■ 35.9020, 43.3685,
47.0362

■ 35.9020, 43.3685,
47.0362

319.9707,
360.1250, 391.3570

■ 24.5283, 30.1744,
32.7097

■ 68.2056, 80.2666,
87.1182

■ 15.8528, 19.9710,
21.6349

■ 89.8663, 104.7394,
113.7108

■ 9.5102, 12.3739,
13.3931

■ 115.6866,
133.7406, 145.2292

■ 5.1352, 6.9989,
7.5659

146.0319,
167.6544, 182.0919

■ 2.3624, 3.4614,
3.7347

181.2676,
206.8654, 224.7175

■ 0.8263, 1.3771,
1.4810

221.7591,

■ 0.0000, 0.1998,

251.7579, 273.5245

0.2037

267.8717,
302.7163, 328.9315

■ 0.0000, 0.0000,
0.0000

■ 35.9020, 43.3685,
47.0362

■ 35.9020, 43.3685,
47.0362

■ 32.6455, 41.7368,
44.8083

■ 39.6974, 45.2789,
49.3554

■ 29.8979, 40.3649,
42.6669

■ 44.0525, 47.4752,
51.7646

■ 27.6318, 39.2399,
40.6111

■ 48.9913, 49.9710,
54.2665

■ 25.8159, 38.3455,
38.6390

■ 54.5357, 52.7775,
56.8625

■ 24.4148, 37.6636,
36.7481

■ 60.7060, 55.9052,
59.5543

■ 23.3880, 37.1733,
34.9361

■ 67.5219, 59.3643,
62.3432

■ 22.6865, 36.8494,
33.2000

■ 69.4631, 60.3088,
64.9713

■ 22.3749, 36.7096,
32.2456

■ 69.9622, 60.5085,
67.6000

■ 70.4745, 60.7134,
70.2977

Harmonies

Analogous

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



36.6161, 43.3685, 39.5492



35.9020, 43.3685, 47.0362



36.5565, 43.3685, 55.4682

Triad

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



35.9020, 43.3685, 47.0362



44.0077, 43.3685, 62.5238



44.1246, 43.3685, 34.7947

Complementary

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



35.9020, 43.3685, 47.0362



34.8921, 31.2735, 33.0532

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.



46.2652, 43.3685, 39.8346



35.9020, 43.3685, 47.0362



46.1954, 43.3685, 55.8256

Square

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



35.9020, 43.3685, 47.0362



41.1559, 43.3685, 65.0195



47.0398, 43.3685, 47.4061



41.2851, 43.3685, 33.0087

Rectangle

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



35.9020, 43.3685, 47.0362



37.6991, 43.3685, 60.3726



47.0398, 43.3685, 47.4061



44.9545, 43.3685, 36.1330

Sweetspot

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



35.9032, 43.3703, 47.0372



76.6150, 83.8735, 91.4857



34.7538, 43.1248, 31.3037



16.4148, 18.0300, 19.6671



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.9032, 43.3703, 47.0372



61.1783, 76.1060, 82.1643



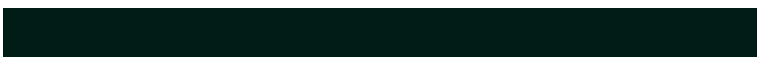
34.5170, 38.9669, 51.6031



9.1789, 10.1755, 11.0996



15.2629, 25.0061, 22.1040



0.5595, 0.8901, 0.8921

Inverse Universe

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



34.8921, 31.2735, 33.0532



59.0676, 50.8222, 52.9489



35.9708, 34.6654, 29.6068



9.0842, 9.0440, 9.7906



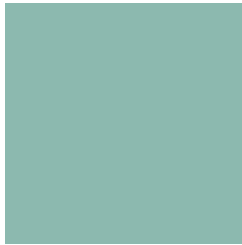
13.9204, 7.1419, 2.2019



0.5144, 0.2612, 0.2023

Previews

White Background



This preview shows how the XYZ color 35.9020, 43.3685, 47.0362 looks on a white background.

Color Contrast Check

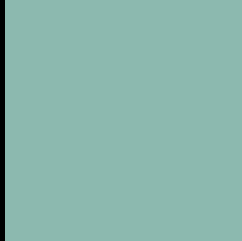
Large Text (above 18pt) WCAG AA × Fail

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 35.9020, 43.3685, 47.0362 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

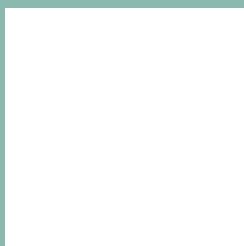
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9020, 43.3685, 47.0362

Background



This preview shows how black text looks on a background with the XYZ color 35.9020, 43.3685, 47.0362.



This preview shows how white text looks on a background with the XYZ color 35.9020, 43.3685,

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

35.9020, 43.3685, 47.0362

Protanopia

41.3138, 43.2278, 43.7024

Deuteranopia

43.8965, 43.0402, 48.1135



Tritanopia

38.1934, 43.3707, 58.5829

Trichromacy



Original Color

35.9020, 43.3685, 47.0362

Protanomaly

38.9878, 43.1798, 44.8077

Deuteranomaly

40.2790, 42.6049, 47.6956

Tritanomaly

37.3383, 43.3375, 53.9740

Monochromacy



Original Color

35.9020, 43.3685, 47.0362

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.0744, 41.0094, 44.9913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9020, 43.3685, 47.0362 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(140, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 175)  
}
```

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(140, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.9020, 43.3685, 47.0362 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(140, 185, 175) }
```


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

```
.border{ border-color:rgb(140, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9020, 43.3685, 47.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 175) }
```

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

```
.background{ background-color: rgb(140,  
185, 175) }
```

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