

Converting Colors

XYZ(35.0941, 40.6073, 43.5179)

Have a look what the booklet for
XYZ(35.0941, 40.6073, 43.5179)
contains.

XYZ(35.0963, 40.6048, 43.5238)	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(35.0963, 40.6048,
43.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	94B1A9
RGB	148, 177, 169
RGB Percent	58%, 69%, 66%
CMY	0.4196, 0.3059, 0.3373
CMYK	0.16, 0.00, 0.05, 0.31
HSL	163°, 16%, 64%
HSV	163°, 16%, 69%
XYZ	35.0963, 40.6048, 43.5238
YIQ	167.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

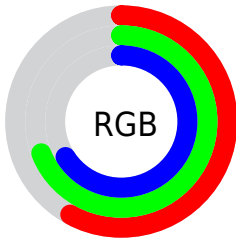
Format	Color
RYB	148, 165, 177
Decimal	9744809
CIELab	69.90, -11.54, 0.77
CIELCh	70, 11.566, 176.172
Yxy	40.6048, 0.2944, 0.3406
Android (android.graphics.Color)	4287934889 (0xFF94B1A9)
YUV	167.4170, 0.7804, -17.0287
Hunter-Lab	63.7219, -13.2003, 4.1086

Details

The XYZ color **35.0963, 40.6048, 43.5238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.7236, 32.9282, 35.9800**, and the grayscale version is **36.9364, 38.8599, 42.3185**.

A 20% lighter version of the original color is **66.9506, 76.2162, 81.7035**, and **15.3483, 18.2410, 19.5416** is the 20% darker color. If you saturate the color by 10%, you get **31.6865, 38.9001, 41.0158**, and if you desaturate by 10%, it is **39.0152, 42.5722, 46.1467**.

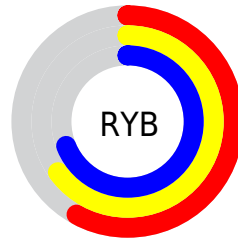
Distribution



Red (58%)

Green (69%)

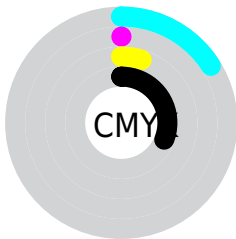
Blue (66%)



Red (58%)

Yellow (65%)

Blue (69%)

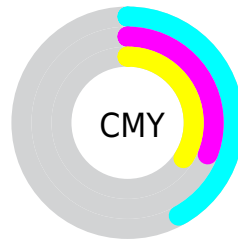


Cyan (16%)

Magenta (0%)

Yellow (5%)

Black (31%)



Cyan (42%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0963, 40.6048, 43.5238 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 35.0963, 40.6048, 43.5238 by changing the saturation by 10% instead.


 35.0963, 40.6048,
43.5238


 35.0963, 40.6048,
43.5238


316.4938,
348.6662, 376.7458

 23.9039, 28.0104,
29.9619


 66.9680, 76.0836,
81.7955

 15.3867, 18.3335,
19.5578


 88.3780, 99.7368,
107.3424

 9.1793, 11.1897,
11.8932


113.9246,
127.8451, 137.7213

 4.9164, 6.1946,
6.5493

143.9731,
160.7928, 173.3508

 2.2325, 2.9638,
3.1077

178.8889,
198.9644, 214.6495

 0.7598, 1.1128,
1.1499

219.0374,

 0.0000, 0.0000,

242.7442, 262.0359

0.0000

264.7839,
292.5167, 315.9285

■ 35.0963, 40.6048,
43.5238

■ 35.0963, 40.6048,
43.5238

■ 31.6865, 38.9001,
41.0158

■ 39.0152, 42.5722,
46.1467

■ 28.7599, 37.4414,
38.6181

■ 43.4605, 44.8079,
48.8838

■ 26.2937, 36.2181,
36.3294

■ 48.4533, 47.3238,
51.7379

■ 24.2616, 35.2168,
34.1475

■ 54.0123, 50.1294,
54.7106

■ 22.6348, 34.4224,
32.0700

■ 60.1551, 53.2341,
57.8038

■ 21.3808, 33.8184,
30.0945

■ 66.8989, 56.6465,
61.0192

■ 20.4619, 33.3852,
28.2180

■ 67.7651, 57.0267,
64.0544

■ 19.8275, 33.0969,
26.4372

■ 68.3572, 57.2636,
67.1725

■ 19.6299, 33.0087,
25.8150

■ 68.9679, 57.5078,
70.3882

Harmonies

Analogous

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



35.6665, 40.6048, 38.6925



35.0963, 40.6048, 43.5238



35.4379, 40.6048, 48.9395

Triad

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



35.0963, 40.6048, 43.5238



40.2109, 40.6048, 54.1745



40.6423, 40.6048, 36.1533

Complementary

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



35.0963, 40.6048, 43.5238



34.7236, 32.9282, 35.9800

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.



41.9314, 40.6048, 39.7987



35.0963, 40.6048, 43.5238



41.6767, 40.6048, 50.2324

Square

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



35.0963, 40.6048, 43.5238



38.3527, 40.6048, 55.3728



42.3159, 40.6048, 44.9069



38.8356, 40.6048, 34.6612

Rectangle

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



35.0963, 40.6048, 43.5238



36.1429, 40.6048, 52.1131



42.3159, 40.6048, 44.9069



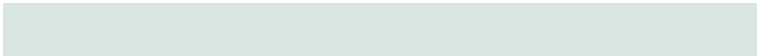
41.1528, 40.6048, 37.1523

Sweetspot

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



35.0975, 40.6065, 43.5247



70.8521, 76.7343, 83.2687



34.8210, 40.6738, 34.0331



15.2424, 16.5731, 17.9742



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.0975, 40.6065, 43.5247



60.3322, 71.4579, 76.1459



34.6593, 38.4907, 47.1998



8.6406, 9.5907, 10.3671



14.2485, 23.9254, 18.8432



0.4714, 0.7620, 0.7146

Inverse Universe

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



34.7236, 32.9282, 35.9800



59.5244, 54.8530, 59.8334



35.0805, 34.6912, 32.8647



8.5895, 8.5425, 9.3369



13.5587, 6.9410, 2.8361



0.4519, 0.2285, 0.2223

Previews

White Background



This preview shows how the XYZ color 35.0963, 40.6048, 43.5238 looks on a white background.

Color Contrast Check

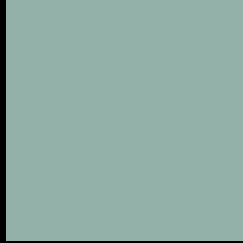
Large Text (above 18pt) WCAG AA × Fail

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 35.0963, 40.6048, 43.5238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

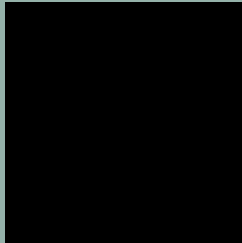
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

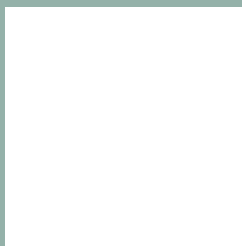
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0963, 40.6048, 43.5238

Background



This preview shows how black text looks on a background with the XYZ color 35.0963, 40.6048, 43.5238.



This preview shows how white text looks on a background with the XYZ color 35.0963, 40.6048,

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

35.0963, 40.6048, 43.5238

Protanopia

38.8455, 40.5800, 41.3827

Deuteranopia

41.0555, 40.2896, 44.1409



Tritanopia

36.9757, 40.4823, 53.4420

Trichromacy



Original Color

35.0963, 40.6048, 43.5238

Protanomaly

37.3436, 40.6396, 41.9524

Deuteranomaly

38.4569, 40.0489, 43.7335

Tritanomaly

36.2481, 40.4802, 49.6190

Monochromacy



Original Color

35.0963, 40.6048, 43.5238

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1280, 39.4266, 42.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0963, 40.6048, 43.5238 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(148, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 177, 169)  
}
```

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(148, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 177, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.0963, 40.6048, 43.5238 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(148, 177, 169) }
```


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

```
.border{ border-color:rgb(148, 177, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 177,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0963, 40.6048, 43.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 177, 169) }
```

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

```
.background{ background-color: rgb(148,  
177, 169) }
```

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