

Converting Colors

XYZ(35.1368, 37.9929, 43.6116)

Have a look what the booklet for
XYZ(35.1368, 37.9929, 43.6116)
contains.

XYZ(35.1630, 38.0756, 43.5263)	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(35.1630, 38.0756,
43.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA8AA
RGB	157, 168, 170
RGB Percent	62%, 66%, 67%
CMY	0.3843, 0.3412, 0.3333
CMYK	0.08, 0.01, 0.00, 0.33
HSL	189°, 7%, 64%
HSV	189°, 8%, 67%
XYZ	35.1630, 38.0756, 43.5263
YIQ	164.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

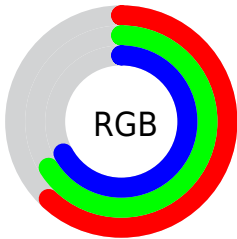
Format	Color
R _{YB}	157, 163, 170
Decimal	10332330
CIE Lab	68.08, -3.46, -2.37
CIE LCh	68, 4.195, 214.430
Yxy	38.0756, 0.3011, 0.3261
Android (android.graphics.Color)	4288522410 (0xFF9DA8AA)
YUV	164.9390, 2.4951, -6.9625
Hunter-Lab	61.7054, -6.2658, 1.3713

Details

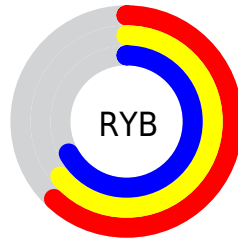
The XYZ color **35.1630, 38.0756, 43.5263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0618, 35.7766, 36.9567**, and the grayscale version is **35.7267, 37.5873, 40.9326**.

A 20% lighter version of the original color is **67.1297, 72.2086, 81.6337**, and **15.4593, 16.8630, 19.5796** is the 20% darker color. If you saturate the color by 10%, you get **31.5971, 35.5295, 43.2234**, and if you desaturate by 10%, it is **39.2023, 40.8822, 43.8557**.

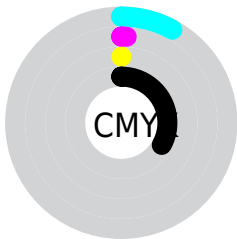
Distribution



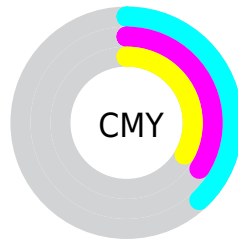
- Red (62%)
- Green (66%)
- Blue (67%)



- Red (62%)
- Yellow (64%)
- Blue (67%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1630, 38.0756, 43.5263 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 35.1630, 38.0756, 43.5263 by changing the saturation by 10% instead.

■ 35.1630, 38.0756,
43.5263

■ 35.1630, 38.0756,
43.5263

316.7826,
337.9442, 376.7563

■ 23.9556, 26.0414,
29.9638

■ 67.0706, 72.2240,
81.7993

■ 15.4252, 16.8546,
19.5593

■ 88.5014, 95.1070,
107.3470

■ 9.2066, 10.1309,
11.8942

114.0708,
122.3749, 137.7267

■ 4.9344, 5.4858,
6.5500

144.1440,
154.4124, 173.3571

■ 2.2432, 2.5350,
3.1082

179.0864,
191.6036, 214.6568

■ 0.7653, 0.8941,
1.1501

219.2634,

■ 0.0000, 0.0000,

234.3330, 262.0442

0.0000

265.0404,
282.9851, 315.9378

■ 35.1630, 38.0756,
43.5263

■ 35.1630, 38.0756,
43.5263

■ 31.5971, 35.5295,
43.2234

■ 39.2023, 40.8822,
43.8557

■ 28.4824, 33.2293,
42.9436

■ 43.7296, 43.9538,
44.2100

■ 25.7995, 31.1659,
42.6867

■ 48.7630, 47.3009,
44.5907

■ 23.5267, 29.3280,
42.4517

■ 54.3186, 50.9318,
44.9988

■ 21.6400, 27.7033,
42.2376

■ 60.4119, 54.8545,
45.4348

■ 20.1131, 26.2780,
42.0429

■ 65.5696, 58.3098,
45.8299

■ 18.9163, 25.0367,
41.8664

■ 66.1160, 59.4028,
46.0120

■ 18.0150, 23.9616,
41.7064

■ 66.6726, 60.5159,
46.1976

■ 17.3538, 23.0239,
41.5603

■ 67.2393, 61.6492,
46.3864

Harmonies

Analogous

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



34.9511, 38.0756, 41.7365



35.1630, 38.0756, 43.5263



35.6500, 38.0756, 44.7900

Triad

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



35.1630, 38.0756, 43.5263



37.3352, 38.0756, 43.0308



36.0927, 38.0756, 37.9719

Complementary

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



35.1630, 38.0756, 43.5263



35.0618, 35.7766, 36.9567

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.



36.7349, 38.0756, 38.2952



35.1630, 38.0756, 43.5263



37.4572, 38.0756, 41.1805

Square

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



35.1630, 38.0756, 43.5263



36.9049, 38.0756, 44.4980



37.2362, 38.0756, 39.4560



35.4838, 38.0756, 38.5595

Rectangle

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



35.1630, 38.0756, 43.5263



36.0679, 38.0756, 45.1442



37.2362, 38.0756, 39.4560



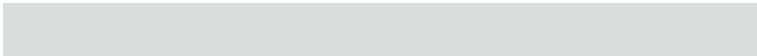
36.3118, 38.0756, 37.9778

Sweetspot

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



35.1641, 38.0772, 43.5271



67.8038, 71.8827, 79.3030



34.5338, 38.4197, 38.3745



15.1389, 16.0429, 17.6864



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.1641, 38.0772, 43.5271



62.7649, 68.3554, 78.8877



34.0023, 35.7536, 43.1399



7.6479, 8.3327, 9.6236



12.6928, 16.8458, 30.5581



0.3344, 0.4611, 0.7520

Inverse Universe

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



35.7033, 35.4880, 42.0157



63.9289, 62.7953, 75.6185



36.2005, 38.0540, 37.3363



7.7916, 7.6465, 9.2199



15.9073, 7.7716, 20.1213



0.4000, 0.1943, 0.5577

Previews

White Background



This preview shows how the XYZ color 35.1630, 38.0756, 43.5263 looks on a white background.

Color Contrast Check

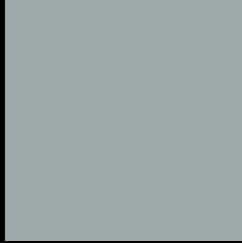
Large Text (above 18pt) WCAG AA × Fail

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 35.1630, 38.0756, 43.5263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

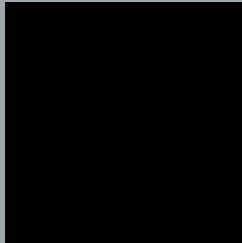
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

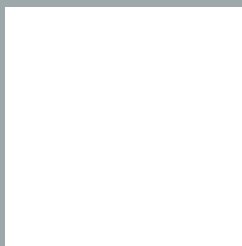
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1630, 38.0756, 43.5263

Background



This preview shows how black text looks on a background with the XYZ color 35.1630, 38.0756, 43.5263.



This preview shows how white text looks on a background with the XYZ color 35.1630, 38.0756,

43.5263.

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

35.1630, 38.0756, 43.5263

Protanopia

36.6715, 38.0623, 42.4597

Deuteranopia

38.6860, 38.0137, 43.8265



Tritanopia

36.1725, 37.9387, 48.5964

Trichromacy



Original Color

35.1630, 38.0756, 43.5263

Protanomaly

36.1075, 38.0295, 42.9735

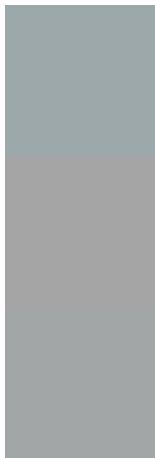
Deuteranomaly

37.4207, 38.1491, 43.9193

Tritanomaly

35.7557, 38.0411, 46.5324

Monochromacy



Original Color

35.1630, 38.0756, 43.5263

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5116, 37.7438, 41.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1630, 38.0756, 43.5263 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(157, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 170)  
}
```

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(157, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.1630, 38.0756, 43.5263 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(157, 168, 170) }
```


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

```
.border{ border-color:rgb(157, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1630, 38.0756, 43.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 170) }
```

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

```
.background{ background-color: rgb(157,  
168, 170) }
```

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