

Converting Colors

XYZ(35.8599, 38.1897, 44.1003)

Have a look what the booklet for
XYZ(35.8599, 38.1897, 44.1003)
contains.

XYZ(35.8673, 38.1548, 44.0023)	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(35.8673, 38.1548,
44.0023)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A7AB
RGB	161, 167, 171
RGB Percent	63%, 65%, 67%
CMY	0.3686, 0.3451, 0.3294
CMYK	0.06, 0.02, 0.00, 0.33
HSL	204°, 6%, 65%
HSV	204°, 6%, 67%
XYZ	35.8673, 38.1548, 44.0023
YIQ	165.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

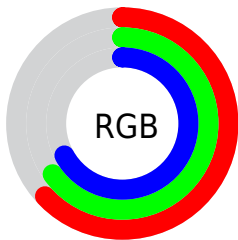
Format	Color
R_{YB}	161, 165, 171
Decimal	10594219
CIE _{Lab}	68.13, -1.33, -2.81
CIE _{LCh}	68, 3.106, 244.635
Yxy	38.1548, 0.3039, 0.3233
Android (android.graphics.Color)	4288784299 (0xFFA1A7AB)
YUV	165.6620, 2.6316, -4.0886
Hunter-Lab	61.7696, -4.4484, 1.0028

Details

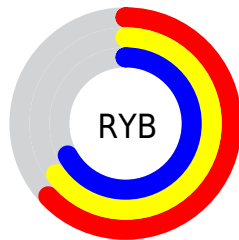
The XYZ color **35.8673, 38.1548, 44.0023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6827, 38.1409, 39.1472**, and the grayscale version is **36.0727, 37.9513, 41.3289**.

A 20% lighter version of the original color is **68.1676, 72.3325, 82.3202**, and **15.7672, 16.8446, 19.8731** is the 20% darker color. If you saturate the color by 10%, you get **31.4352, 34.0610, 43.4463**, and if you desaturate by 10%, it is **40.8391, 42.6272, 44.6041**.

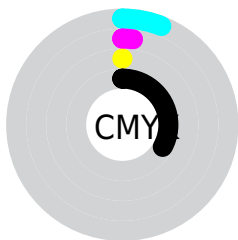
Distribution



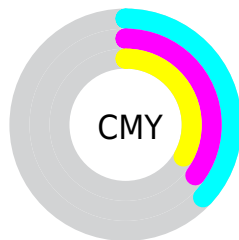
- Red (63%)
- Green (65%)
- Blue (67%)



- Red (63%)
- Yellow (65%)
- Blue (67%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8673, 38.1548, 44.0023 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 35.8673, 38.1548, 44.0023 by changing the saturation by 10% instead.

■ 35.8673, 38.1548,
44.0023

■ 35.8673, 38.1548,
44.0023

319.8215,
338.2836, 378.7593

■ 24.5014, 26.1029,
30.3351

■ 68.1524, 72.3453,
82.5237

■ 15.8327, 16.9006,
19.8389

■ 89.8023, 95.2527,
108.2150

■ 9.4959, 10.1636,
12.0951

115.6109,
122.5474, 138.7515

■ 5.1257, 5.5076,
6.6851

145.9435,
154.6137, 174.5515

■ 2.3567, 2.5481,
3.1905

181.1655,
191.8361, 216.0338

■ 0.8235, 0.9006,
1.1927

221.6423,

■ 0.0000, 0.0000,

234.5989, 263.6169

0.0000

267.7392,
283.2866, 317.7192

■ 35.8673, 38.1548,
44.0023

■ 35.8673, 38.1548,
44.0023

■ 31.4352, 34.0610,
43.4463

■ 40.8391, 42.6272,
44.6041

■ 27.5196, 30.3291,
42.9323

■ 46.3661, 47.4845,
45.2504

■ 24.1000, 26.9482,
42.4600

■ 52.4676, 52.7391,
45.9430

■ 21.1538, 23.9049,
42.0279

■ 59.1605, 58.4012,
46.6831

■ 18.6559, 21.1848,
41.6345

■ 66.4613, 64.4806,
47.4718

■ 16.5792, 18.7722,
41.2783

■ 71.1500, 69.3187,
48.1585

■ 14.8931, 16.6496,
40.9574

■ 72.8527, 72.7241,
48.7261

■ 13.5623, 14.7971,
40.6700

■ 74.6281, 76.2749,
49.3179

■ 12.5413, 13.1894,
40.4135

■ 76.4770, 79.9728,
49.9342

Harmonies

Analogous

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



35.5037, 38.1548, 43.0793



35.8673, 38.1548, 44.0023



36.3403, 38.1548, 44.2610

Triad

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



35.8673, 38.1548, 44.0023



37.2017, 38.1548, 41.3288



35.7380, 38.1548, 39.3869

Complementary

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



35.8673, 38.1548, 44.0023



36.6827, 38.1409, 39.1472

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.



36.1898, 38.1548, 38.9407



35.8673, 38.1548, 44.0023



37.0371, 38.1548, 40.0458

Square

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



35.8673, 38.1548, 44.0023



37.1135, 38.1548, 42.6978



36.6656, 38.1548, 39.1792



35.4295, 38.1548, 40.4114

Rectangle

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



35.8673, 38.1548, 44.0023



36.6548, 38.1548, 44.0172



36.6656, 38.1548, 39.1792



35.8780, 38.1548, 39.1654

Sweetspot

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



35.8684, 38.1564, 44.0031



67.5162, 71.3076, 79.2071



36.0377, 39.4140, 41.2266



15.0783, 15.9216, 17.6662



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.



35.8684, 38.1564, 44.0031



63.1719, 67.3625, 78.6746



34.9988, 36.4172, 43.7133



8.1611, 8.7079, 10.2033



9.2241, 9.5821, 30.4079



0.3082, 0.3698, 0.8631

Inverse Universe

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



36.5153, 36.9383, 41.7664



64.5754, 64.7424, 73.8170



37.5717, 39.9187, 39.4435



8.3513, 8.3536, 9.5449



14.5196, 7.2704, 10.3814



0.4300, 0.2127, 0.4260

Previews

White Background



This preview shows how the XYZ color 35.8673, 38.1548, 44.0023 looks on a white background.

Color Contrast Check

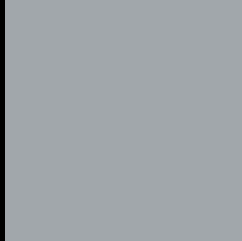
Large Text (above 18pt) WCAG AA × Fail

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 35.8673, 38.1548, 44.0023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

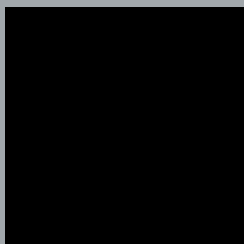
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8673, 38.1548, 44.0023

Background



This preview shows how black text looks on a background with the XYZ color 35.8673, 38.1548, 44.0023.



This preview shows how white text looks on a background with the XYZ color 35.8673, 38.1548,

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

35.8673, 38.1548, 44.0023

Protanopia

36.8593, 38.1374, 43.4488

Deuteranopia

38.7817, 38.0520, 44.3305



Tritanopia

36.6732, 38.2085, 48.0899

Trichromacy



Original Color

35.8673, 38.1548, 44.0023

Protanomaly

36.4090, 38.1740, 43.4796

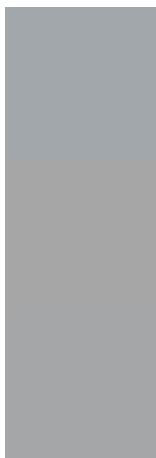
Deuteranomaly

37.5568, 37.9436, 44.3741

Tritanomaly

36.3730, 38.0884, 46.5090

Monochromacy



Original Color

35.8673, 38.1548, 44.0023

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0139, 37.9921, 42.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8673, 38.1548, 44.0023 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(161, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 167, 171)  
}
```

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(161, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.8673, 38.1548, 44.0023 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(161, 167, 171) }
```


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

```
.border{ border-color:rgb(161, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8673, 38.1548, 44.0023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 167, 171) }
```

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

```
.background{ background-color: rgb(161,  
167, 171) }
```

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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