

Converting Colors

XYZ(35.3709, 38.4215, 36.4900)

Have a look what the booklet for
XYZ(35.3709, 38.4215, 36.4900)
contains.

XYZ(35.2289, 38.2643, 36.5393)	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(35.2289, 38.2643,
36.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A89B
RGB	164, 168, 155
RGB Percent	64%, 66%, 61%
CMY	0.3569, 0.3412, 0.3922
CMYK	0.02, 0.00, 0.08, 0.34
HSL	78°, 7%, 63%
HSV	78°, 8%, 66%
XYZ	35.2289, 38.2643, 36.5393
YIQ	165.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

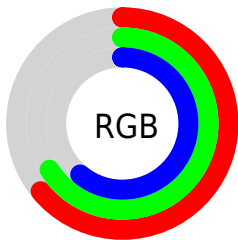
Format	Color
RYB	155, 168, 159
Decimal	10791067
CIELab	68.21, -3.83, 6.21
CIELCh	68, 7.302, 121.669
Yxy	38.2643, 0.3202, 0.3478
Android (android.graphics.Color)	4288981147 (0xFFA4A89B)
YUV	165.3220, -5.0887, -1.1594
Hunter-Lab	61.8581, -6.5940, 8.2784

Details

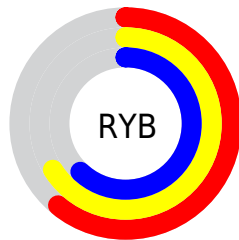
The XYZ color **35.2289, 38.2643, 36.5393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0886, 33.6417, 41.7972**, and the grayscale version is **35.9427, 37.8145, 41.1800**.

A 20% lighter version of the original color is **67.1097, 72.4389, 70.7666**, and **15.4262, 16.9350, 15.5524** is the 20% darker color. If you saturate the color by 10%, you get **32.8696, 37.2010, 29.5692**, and if you desaturate by 10%, it is **37.8300, 39.4318, 44.5471**.

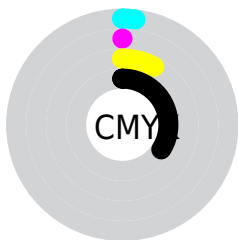
Distribution



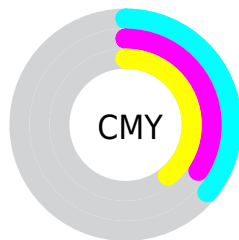
- Red (64%)
- Green (66%)
- Blue (61%)



- Red (61%)
- Yellow (66%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2289, 38.2643, 36.5393 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 35.2289, 38.2643, 36.5393 by changing the saturation by 10% instead.

■ 35.2289, 38.2643,
36.5393

■ 35.2289, 38.2643,
36.5393

317.0679,
338.7524, 346.4201

■ 24.0066, 26.1879,
24.5580

■ 67.1719, 72.5131,
71.0420

■ 15.4633, 16.9643,
15.5320

■ 88.6233, 95.4542,
94.4006

■ 9.2336, 10.2090,
9.0429

114.2151,
122.7857, 122.3886

■ 4.9522, 5.5378,
4.6720

144.3127,
154.8919, 155.4247

■ 2.2537, 2.5661,
2.0008

179.2814,
192.1573, 193.9273

■ 0.7708, 0.9097,
0.5557

219.4866,

■ 0.0000, 0.0000,

234.9663, 238.3150

0.0000

265.2937,
283.7032, 289.0065

■ 35.2289, 38.2643,
36.5393

■ 35.2289, 38.2643,
36.5393

■ 32.8696, 37.2010,
29.5692

■ 37.8300, 39.4318,
44.5471

■ 30.7405, 36.2335,
23.5917

■ 40.6780, 40.7019,
53.6302

■ 28.8335, 35.3598,
18.5625

■ 43.7814, 42.0793,
63.8272

■ 27.1387, 34.5757,
14.4325

■ 47.1478, 43.5671,
75.1741

■ 25.6455, 33.8771,
11.1484

■ 50.7840, 45.1680,
87.7055

■ 24.3422, 33.2591,
8.6512

■ 54.5672, 46.8330,
100.7714

■ 23.2155, 32.7164,
6.8746

■ 55.9271, 47.5341,
100.8351

■ 22.2502, 32.2429,
5.7409

■ 57.3338, 48.2592,
100.9009

■ 21.4217, 31.8286,
5.1235

■ 58.7876, 49.0087,
100.9689

Harmonies

Analogous

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



36.3052, 38.2643, 35.6908



35.2289, 38.2643, 36.5393



34.4712, 38.2643, 38.7510

Triad

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



35.2289, 38.2643, 36.5393



35.3374, 38.2643, 47.4447



38.6073, 38.2643, 41.4805

Complementary

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



35.2289, 38.2643, 36.5393



33.0886, 33.6417, 41.7972

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.



38.3354, 38.2643, 44.7180



35.2289, 38.2643, 36.5393



36.4330, 38.2643, 48.2675

Square

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



35.2289, 38.2643, 36.5393



34.5329, 38.2643, 45.0513



37.5336, 38.2643, 47.2453



38.2692, 38.2643, 38.4496

Rectangle

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



35.2289, 38.2643, 36.5393



34.2404, 38.2643, 40.7592



37.5336, 38.2643, 47.2453



38.5842, 38.2643, 42.5807

Sweetspot

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



35.2300, 38.2660, 36.5401



66.5630, 70.6193, 74.3547



34.4471, 35.4544, 36.0387



14.5198, 15.3973, 16.2430



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.2300, 38.2660, 36.5401



63.2899, 69.1491, 64.3876



33.9422, 37.6021, 36.4799



7.9188, 8.6562, 8.0427



16.0959, 23.9950, 3.7832



0.4402, 0.6089, 0.0943

Inverse Universe

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



33.0886, 33.6417, 41.7972



58.7323, 59.3069, 75.5769



34.3909, 34.3131, 41.8582



7.3410, 7.4084, 9.4614



6.4430, 2.7049, 28.1580



0.2085, 0.0925, 0.6875

Previews

White Background



This preview shows how the XYZ color 35.2289, 38.2643, 36.5393 looks on a white background.

Color Contrast Check

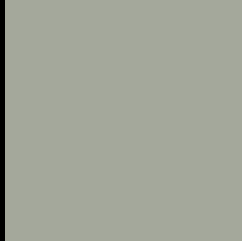
Large Text (above 18pt) WCAG AA × Fail

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 35.2289, 38.2643, 36.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

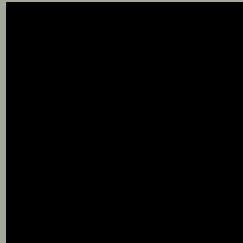
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

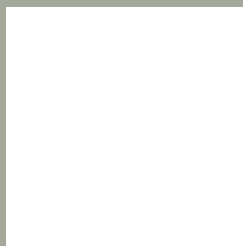
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2289, 38.2643, 36.5393

Background



This preview shows how black text looks on a background with the XYZ color 35.2289, 38.2643, 36.5393.



This preview shows how white text looks on a background with the XYZ color 35.2289, 38.2643,

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

35.2289, 38.2643, 36.5393

Protanopia

36.4822, 38.3762, 36.0564

Deuteranopia

38.9063, 38.0150, 37.1853



Tritanopia

37.4274, 38.3401, 47.5472

Trichromacy



Original Color

35.2289, 38.2643, 36.5393

Protanomaly

36.0136, 38.4055, 36.0867

Deuteranomaly

37.4580, 38.0597, 36.8245

Tritanomaly

36.6178, 38.2817, 43.4894

Monochromacy



Original Color

35.2289, 38.2643, 36.5393

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5863, 37.8450, 39.1474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2289, 38.2643, 36.5393 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(164, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(164, 168, 155)  
}
```

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(164, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 168, 155) }
```

Border

The CSS property to change the border of an element to XYZ 35.2289, 38.2643, 36.5393 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(164, 168, 155) }
```


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

```
.border{ border-color:rgb(164, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(164, 168,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2289, 38.2643, 36.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 168, 155) }
```

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

```
.background{ background-color: rgb(164,  
168, 155) }
```

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