

Converting Colors

XYZ(35.2021, 37.2317, 42.5242)

Have a look what the booklet for
XYZ(35.2021, 37.2317, 42.5242)
contains.

XYZ(35.2210, 37.3145, 42.3919)	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(35.2210, 37.3145,
42.3919)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5A8
RGB	161, 165, 168
RGB Percent	63%, 65%, 66%
CMY	0.3686, 0.3529, 0.3412
CMYK	0.04, 0.02, 0.00, 0.34
HSL	206°, 4%, 65%
HSV	206°, 4%, 66%
XYZ	35.2210, 37.3145, 42.3919
YIQ	164.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

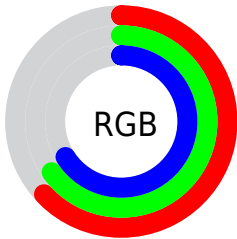
Format	Color
RYB	161, 164, 168
Decimal	10593704
CIELab	67.51, -0.83, -2.05
CIELCh	68, 2.215, 247.942
Yxy	37.3145, 0.3065, 0.3247
Android (android.graphics.Color)	4288783784 (0xFFA1A5A8)
YUV	164.1460, 1.9000, -2.7590
Hunter-Lab	61.0856, -3.9795, 1.6141

Details

The XYZ color **35.2210, 37.3145, 42.3919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8571, 37.4487, 39.0573**, and the grayscale version is **35.3494, 37.1903, 40.5002**.

A 20% lighter version of the original color is **67.2314, 71.1130, 79.9948**, and **15.4879, 16.3862, 18.8695** is the 20% darker color. If you saturate the color by 10%, you get **30.7993, 33.1636, 41.8243**, and if you desaturate by 10%, it is **40.1728, 41.8491, 43.0067**.

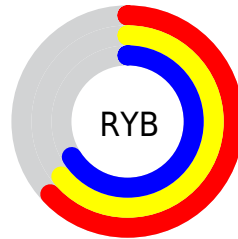
Distribution



Red (63%)

Green (65%)

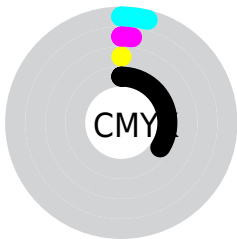
Blue (66%)



Red (63%)

Yellow (64%)

Blue (66%)

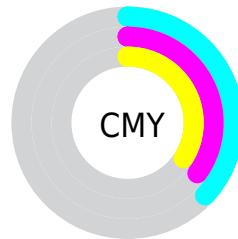


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2210, 37.3145, 42.3919 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 35.2210, 37.3145, 42.3919 by changing the saturation by 10% instead.

■ 35.2210, 37.3145,
42.3919

■ 35.2210, 37.3145,
42.3919

317.0337,
334.6701, 371.9524

■ 24.0005, 25.4511,
29.0804

■ 67.1598, 71.0562,
80.0689

■ 15.4587, 16.4135,
18.8956

■ 88.6087, 93.7033,
105.2715

■ 9.2304, 9.8172,
11.4188

114.1978,
120.7138, 135.2749

■ 4.9500, 5.2779,
6.2316

144.2925,
152.4720, 170.4976

■ 2.2524, 2.4112,
2.9153

179.2581,
189.3623, 211.3581

■ 0.7702, 0.8317,
1.0516

219.4599,

■ 0.0000, 0.0000,

231.7692, 258.2751

0.0000

265.2633,
280.0770, 311.6670

■ 35.2210, 37.3145,
42.3919

■ 35.2210, 37.3145,
42.3919

■ 30.7993, 33.1636,
41.8243

■ 40.1728, 41.8491,
43.0067

■ 26.8852, 29.3799,
41.3003

■ 45.6696, 46.7738,
43.6676

■ 23.4594, 25.9528,
40.8193

■ 51.7298, 52.1006,
44.3764

■ 20.5000, 22.8691,
40.3801

■ 58.3698, 57.8397,
45.1342

■ 17.9834, 20.1146,
39.9811

■ 65.6054, 64.0009,
45.9420

■ 15.8836, 17.6740,
39.6207

■ 70.9047, 69.2806,
46.6818

■ 14.1716, 15.5305,
39.2972

■ 72.7005, 72.8723,
47.2804

■ 12.8145, 13.6648,
39.0086

■ 74.5770, 76.6251,
47.9059

■ 11.7727, 12.0545,
38.7527

■ 76.5350, 80.5412,
48.5586

Harmonies

Analogous

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



34.9525, 37.3145, 41.7930



35.2210, 37.3145, 42.3919



35.5569, 37.3145, 42.5147

Triad

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



35.2210, 37.3145, 42.3919



36.1187, 37.3145, 40.3706



35.0653, 37.3145, 39.1682

Complementary

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



35.2210, 37.3145, 42.3919



35.8571, 37.4487, 39.0573

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.



35.3759, 37.3145, 38.8002



35.2210, 37.3145, 42.3919



35.9852, 37.3145, 39.4871

Square

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



35.2210, 37.3145, 42.3919



36.0766, 37.3145, 41.3374



35.7128, 37.3145, 38.9160



34.8630, 37.3145, 39.9290

Rectangle

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



35.2210, 37.3145, 42.3919



35.7740, 37.3145, 42.3083



35.7128, 37.3145, 38.9160



35.1604, 37.3145, 38.9950

Sweetspot

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



35.2221, 37.3161, 42.3927



66.6379, 70.2286, 77.2684



35.3945, 38.2603, 40.6026



14.5352, 15.3170, 16.8425



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.



35.2221, 37.3161, 42.3927



63.1323, 66.9886, 76.8278



34.6135, 36.0990, 42.1899



7.8554, 8.3418, 9.6145



8.5520, 8.5642, 29.1778



0.2573, 0.3068, 0.7263

Inverse Universe

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



35.6857, 36.5320, 40.7697



64.1564, 65.2679, 73.2406



36.4773, 38.6890, 39.2641



7.9954, 8.1073, 9.1237



13.8173, 6.9356, 9.1152



0.3610, 0.1787, 0.3526

Previews

White Background



This preview shows how the XYZ color 35.2210, 37.3145, 42.3919 looks on a white background.

Color Contrast Check

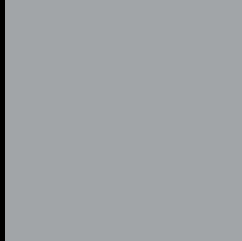
Large Text (above 18pt) WCAG AA × Fail

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 35.2210, 37.3145, 42.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

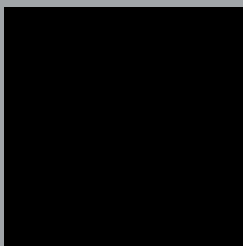
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

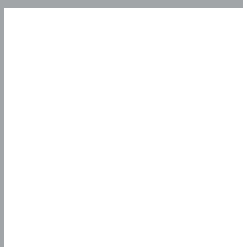
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2210, 37.3145, 42.3919

Background



This preview shows how black text looks on a background with the XYZ color 35.2210, 37.3145, 42.3919.



This preview shows how white text looks on a background with the XYZ color 35.2210, 37.3145,

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

35.2210, 37.3145, 42.3919

Protanopia

35.7981, 37.0914, 41.8318

Deuteranopia

37.9197, 37.1258, 42.7035



Tritanopia

36.1116, 37.4066, 46.9119

Trichromacy



Original Color

35.2210, 37.3145, 42.3919

Protanomaly

35.5604, 37.2335, 41.8718

Deuteranomaly

36.9196, 37.1250, 42.7561

Tritanomaly

35.8157, 37.2883, 45.3541

Monochromacy



Original Color

35.2210, 37.3145, 42.3919

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1712, 37.0541, 40.8957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2210, 37.3145, 42.3919 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, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 168)  
}
```

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, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.2210, 37.3145, 42.3919 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, 165, 168) }
```


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

```
.border{ border-color:rgb(161, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2210, 37.3145, 42.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 168) }
```

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

```
.background{ background-color: rgb(161,  
165, 168) }
```

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