

Converting Colors

XYZ(37.3507, 35.5440, 54.3267)

Have a look what the booklet for
XYZ(37.3507, 35.5440, 54.3267)
contains.

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Color

**XYZ(37.2738, 35.5291,
54.1835)**

Conversions

Conversions Part 1

Format	Color
Hex	A89BBF
RGB	168, 155, 191
RGB Percent	66%, 61%, 75%
CMY	0.3412, 0.3921, 0.2510
CMYK	0.12, 0.19, 0.00, 0.25
HSL	262°, 22%, 68%
HSV	262°, 19%, 75%
XYZ	37.2738, 35.5291, 54.1835
YIQ	162.9910, -3.8080, 13.9520

Conversions

Conversions Part 2

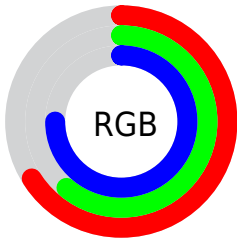
Format	Color
RYB	168, 155, 191
Decimal	11049919
CIELab	66.16, 11.85, -16.84
CIElCh	66, 20.588, 305.138
Yxy	35.5291, 0.2935, 0.2798
Android (android.graphics.Color)	4289239999 (0xFFA89BBF)
YUV	162.9910, 13.8084, 4.3929
Hunter-Lab	59.6063, 7.3110, -12.1716

Details

The XYZ color **37.2738, 35.5291, 54.1835** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.9084, 49.0940, 38.2265**, and the grayscale version is **34.7476, 36.5572, 39.8108**.

A 20% lighter version of the original color is **70.0204, 68.0043, 97.4314**, and **16.7402, 15.4486, 26.1443** is the 20% darker color. If you saturate the color by 10%, you get **31.8660, 28.3907, 53.0912**, and if you desaturate by 10%, it is **43.4304, 43.8018, 55.4564**.

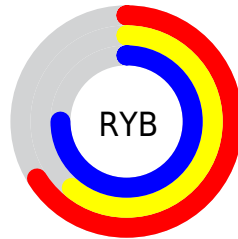
Distribution



Red (66%)

Green (61%)

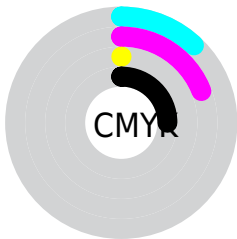
Blue (75%)



Red (66%)

Yellow (61%)

Blue (75%)

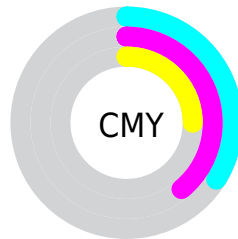


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (34%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2738, 35.5291, 54.1835 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 37.2738, 35.5291, 54.1835 by changing the saturation by 10% instead.

■ 37.2738, 35.5291,
54.1835

■ 37.2738, 35.5291,
54.1835

325.8294,
326.8976, 420.0038

■ 25.5942, 24.0707,
38.3542

■ 70.3048, 68.3046,
97.8027

■ 16.6514, 15.3861,
25.9538

■ 92.3869, 90.3906,
126.4298

■ 10.0800, 9.0908,
16.5636

118.6672,
116.7878, 160.1598

■ 5.5147, 4.8005,
9.7652

149.5111,
147.8808, 199.4114

■ 2.5901, 2.1307,
5.1400

185.2839,
184.0539, 244.6030

■ 0.9409, 0.6818,
2.2695

226.3510,

■ 0.0000, 0.0000,

225.6914, 296.1532

0.7140

273.0777,
273.1779, 354.4806

■ 0.0000, 0.0000,
0.0000

■ 37.2738, 35.5291,
54.1835

■ 37.2738, 35.5291,
54.1835

■ 31.8660, 28.3907,
53.0912

■ 43.4304, 43.8018,
55.4564

■ 27.1736, 22.3314,
52.1690

■ 50.3609, 53.2516,
56.9151

■ 23.1650, 17.2983,
51.4088

■ 58.0935, 63.9247,
58.5676

■ 19.8052, 13.2319,
50.8009

■ 66.6535, 75.8633,
60.4209

■ 17.0557, 10.0665,
50.3349

■ 76.0655, 89.1076,
62.4812

■ 14.8733, 7.7278,
49.9985

■ 81.5153, 94.0214,
63.1424

■ 13.2081, 6.1291,
49.7777

■ 85.8269, 96.2441,
63.3442

■ 11.9810, 5.1256,
49.6487

■ 86.4041, 96.5416,
63.3712

■ 11.8561, 5.0257,
49.6360

Harmonies

Analogous

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



34.2995, 35.5291, 58.0343



37.2738, 35.5291, 54.1835



39.4000, 35.5291, 46.2192

Triad

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



37.2738, 35.5291, 54.1835



36.3066, 35.5291, 25.3103



28.2364, 35.5291, 40.2154

Complementary

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



37.2738, 35.5291, 54.1835



42.9084, 49.0940, 38.2265

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.



28.7024, 35.5291, 32.0178



37.2738, 35.5291, 54.1835



33.2447, 35.5291, 24.1998

Square

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



37.2738, 35.5291, 54.1835



38.8184, 35.5291, 29.7665



30.4917, 35.5291, 26.4658



29.1783, 35.5291, 49.2279

Rectangle

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



37.2738, 35.5291, 54.1835



39.9844, 35.5291, 40.1326



30.4917, 35.5291, 26.4658



28.2342, 35.5291, 37.2729

Sweetspot

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



37.2749, 35.5306, 54.1843



81.0582, 82.8915, 100.0066



38.9228, 42.7315, 55.4874



17.6249, 17.9647, 21.9239



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.2749, 35.5306, 54.1843



62.2203, 57.6125, 96.1201



41.2790, 37.5948, 54.3717



9.3330, 9.3885, 11.9925



7.8726, 3.3445, 32.6235



0.3807, 0.1683, 1.2813

Inverse Universe

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



41.2442, 37.7349, 47.2307



70.8330, 62.3996, 80.8448



39.1257, 47.1439, 38.0495



9.7798, 9.6362, 11.2292



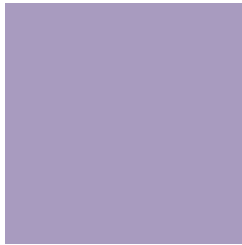
16.4698, 8.2191, 13.0333



0.6754, 0.3341, 0.6699

Previews

White Background



This preview shows how the XYZ color 37.2738, 35.5291, 54.1835 looks on a white background.

Color Contrast Check

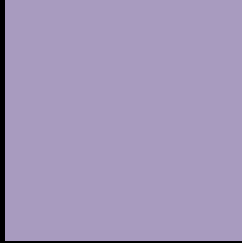
Large Text (above 18pt) WCAG AA × Fail

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 37.2738, 35.5291, 54.1835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

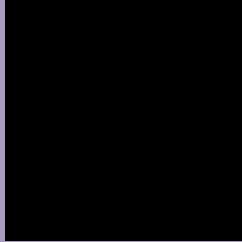
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2738, 35.5291, 54.1835

Background



This preview shows how black text looks on a background with the XYZ color 37.2738, 35.5291, 54.1835.



This preview shows how white text looks on a background with the XYZ color 37.2738, 35.5291,

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

37.2738, 35.5291, 54.1835

Protanopia

35.2726, 35.4636, 56.0250

Deuteranopia

36.3612, 35.5569, 54.2369



Tritanopia

35.2659, 35.7359, 43.5671

Trichromacy



Original Color

37.2738, 35.5291, 54.1835

Protanomaly

35.9530, 35.5731, 55.4234

Deuteranomaly

36.6023, 35.4310, 54.1999

Tritanomaly

35.9886, 35.7751, 47.1280

Monochromacy



Original Color

37.2738, 35.5291, 54.1835

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6307, 36.1581, 44.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2738, 35.5291, 54.1835 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(168, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 155, 191)  
}
```

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(168, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.2738, 35.5291, 54.1835 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(168, 155, 191) }
```


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

```
.border{ border-color:rgb(168, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2738, 35.5291, 54.1835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 191) }
```

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

```
.background{ background-color: rgb(168,  
155, 191) }
```

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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