

Converting Colors

XYZ(37.3913, 34.6783, 73.1295)

Have a look what the booklet for
XYZ(37.3913, 34.6783, 73.1295)
contains.

XYZ(37.3913, 34.6783, 73.1295)	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(37.3913, 34.6783,
73.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	9899DD
RGB	152, 153, 221
RGB Percent	60%, 60%, 87%
CMY	0.4039, 0.4000, 0.1333
CMYK	0.31, 0.31, 0.00, 0.13
HSL	239°, 50%, 73%
HSV	239°, 31%, 87%
XYZ	37.3913, 34.6783, 73.1295
YIQ	160.4530, -22.4240, 20.9360

Conversions

Conversions Part 2

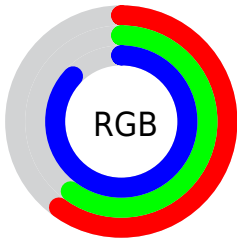
Format	Color
RYB	152, 153, 221
Decimal	10000861
CIELab	65.50, 15.08, -34.64
CIElCh	65, 37.778, 293.532
Yxy	34.6783, 0.2575, 0.2388
Android (android.graphics.Color)	4288190941 (0xFF9899DD)
YUV	160.4530, 29.8497, -7.4133
Hunter-Lab	58.8883, 10.2846, -32.4066

Details

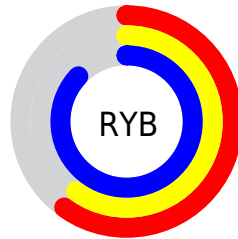
The XYZ color **37.3913, 34.6783, 73.1295** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **61.0804, 68.8265, 39.7728**, and the grayscale version is **33.4975, 35.2420, 38.3785**.

A 20% lighter version of the original color is **66.3752, 65.2555, 103.7050**, and **16.7799, 14.9086, 38.0696** is the 20% darker color. If you saturate the color by 10%, you get **30.3886, 26.2512, 71.8726**, and if you desaturate by 10%, it is **45.8176, 44.8065, 74.6409**.

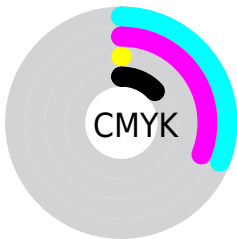
Distribution



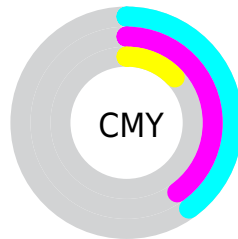
- Red (60%)
- Green (60%)
- Blue (87%)



- Red (60%)
- Yellow (60%)
- Blue (87%)



- Cyan (31%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3913, 34.6783, 73.1295 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 37.3913, 34.6783, 73.1295 by changing the saturation by 10% instead.

■ 37.3913, 34.6783,
73.1295

■ 37.3913, 34.6783,
73.1295

326.3277,
323.1461, 490.5463

■ 25.6857, 23.4152,
53.5894

■ 70.4841, 66.9871,
125.3837

■ 16.7201, 14.9004,
37.8825

■ 92.6020, 88.8016,
158.9348

■ 10.1292, 8.7495,
25.5904

118.9214,
114.9019, 197.9933

■ 5.5476, 4.5781,
16.2945

149.8076,
145.6726, 242.9778

■ 2.6100, 2.0019,
9.5762

185.6260,
181.4979, 294.3069

■ 0.9511, 0.6086,
5.0169

226.7419,

■ 0.0000, 0.0000,

222.7624, 352.3989

2.1983

273.5207,
269.8503, 417.6726

■ 0.0000, 0.0000,
0.6734

■ 0.0000, 0.0000,
0.0000

■ 37.3913, 34.6783,
73.1295

■ 37.3913, 34.6783,
73.1295

■ 30.3886, 26.2512,
71.8726

■ 45.8176, 44.8065,
74.6409

■ 24.7277, 19.4284,
70.8540

■ 55.7363, 56.7178,
76.4173

■ 20.3239, 14.1091,
70.0594

■ 67.2160, 70.4935,
78.4712

■ 17.0813, 10.1800,
69.4719

■ 80.3199, 86.2089,
80.8139

■ 14.8904, 7.5114,
69.0723

■ 90.0513, 98.0005,
82.5770

■ 13.6209, 5.9493,
68.8377

■ 13.0860, 5.2900,
68.7386

Harmonies

Analogous

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



31.7772, 34.6783, 76.8240



37.3913, 34.6783, 73.1295



42.2733, 34.6783, 58.9074

Triad

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



37.3913, 34.6783, 73.1295



39.6939, 34.6783, 18.1809



23.4832, 34.6783, 34.4308

Complementary

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



37.3913, 34.6783, 73.1295



61.0804, 68.8265, 39.7728

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.



25.1272, 34.6783, 22.3956



37.3913, 34.6783, 73.1295



34.1732, 34.6783, 14.8618

Square

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



37.3913, 34.6783, 73.1295



43.7033, 34.6783, 26.8579



28.8947, 34.6783, 16.1537



24.1407, 34.6783, 51.2701

Rectangle

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



37.3913, 34.6783, 73.1295



44.2463, 34.6783, 47.0670



28.8947, 34.6783, 16.1537



23.7785, 34.6783, 29.7665

Sweetspot

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



37.3925, 34.6796, 73.1303



80.3093, 82.3130, 106.2630



51.7048, 63.5485, 77.1477



16.7158, 17.0498, 22.6599



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.3925, 34.6796, 73.1303



45.6008, 40.6073, 100.0423



44.3727, 38.0362, 73.4103



12.3537, 12.6472, 16.4422



7.6089, 3.0872, 39.9333



0.4984, 0.2109, 2.5889

Inverse Universe

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



46.7979, 40.1299, 35.4176



60.4469, 49.2368, 40.5080



52.1779, 64.6277, 39.4315



13.0637, 13.0546, 13.5965



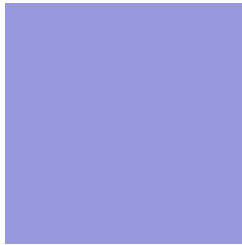
17.3359, 8.9354, 0.8831



1.1259, 0.5800, 0.0717

Previews

White Background



This preview shows how the XYZ color 37.3913, 34.6783, 73.1295 looks on a white background.

Color Contrast Check

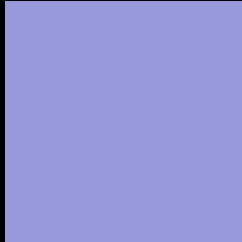
Large Text (above 18pt) WCAG AA × Fail

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 37.3913, 34.6783, 73.1295 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 37.3913, 34.6783, 73.1295

Background



This preview shows how black text looks on a background with the XYZ color 37.3913, 34.6783, 73.1295.



This preview shows how white text looks on a background with the XYZ color 37.3913, 34.6783,

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

37.3913, 34.6783, 73.1295

Protanopia

35.9927, 34.8990, 75.3602

Deuteranopia

35.6227, 34.7702, 72.5440



Tritanopia

31.8135, 34.6866, 45.5759

Trichromacy



Original Color

37.3913, 34.6783, 73.1295

Protanomaly

36.5354, 34.9443, 74.6313

Deuteranomaly

36.3083, 34.8735, 72.5278

Tritanomaly

33.7666, 34.7130, 54.7898

Monochromacy



Original Color

37.3913, 34.6783, 73.1295

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.4051, 34.6594, 49.1326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3913, 34.6783, 73.1295 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(152, 153, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 153, 221)  
}
```

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(152, 153, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 153, 221) }
```

Border

The CSS property to change the border of an element to XYZ 37.3913, 34.6783, 73.1295 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(152, 153, 221) }
```


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

```
.border{ border-color:rgb(152, 153, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 153, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 153, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 153, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 153,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3913, 34.6783, 73.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 153, 221) }
```

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

```
.background{ background-color: rgb(152,  
153, 221) }
```

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