

Converting Colors

XYZ(37.4243, 36.3683, 65.3689)

Have a look what the booklet for
XYZ(37.4243, 36.3683, 65.3689)
contains.

XYZ(37.4243, 36.3683, 65.3689)	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(37.4243, 36.3683,
65.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9FD1
RGB	155, 159, 209
RGB Percent	61%, 62%, 82%
CMY	0.3921, 0.3765, 0.1804
CMYK	0.26, 0.24, 0.00, 0.18
HSL	236°, 37%, 71%
HSV	236°, 26%, 82%
XYZ	37.4243, 36.3683, 65.3689
YIQ	163.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

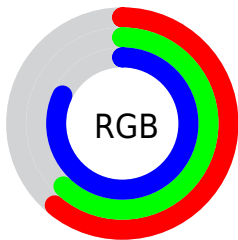
Format	Color
R_{YB}	155, 159, 209
Decimal	10198993
CIE _{Lab}	66.80, 9.57, -25.96
CIE _{LCh}	67, 27.670, 290.244
Yxy	36.3683, 0.2689, 0.2613
Android (android.graphics.Color)	4288389073 (0xFF9B9FD1)
YUV	163.5040, 22.4295, -7.4580
Hunter-Lab	60.3061, 5.2364, -22.0532

Details

The XYZ color **37.4243, 36.3683, 65.3689** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.0426, 59.5846, 39.6640**, and the grayscale version is **34.9554, 36.7758, 40.0489**.

A 20% lighter version of the original color is **68.6749, 69.0148, 104.3094**, and **16.7888, 15.9418, 32.7641** is the 20% darker color. If you saturate the color by 10%, you get **30.6839, 28.3348, 64.1742**, and if you desaturate by 10%, it is **45.3823, 45.8044, 66.7714**.

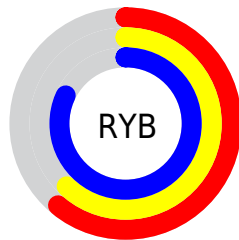
Distribution



Red (61%)

Green (62%)

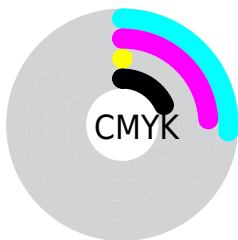
Blue (82%)



Red (61%)

Yellow (62%)

Blue (82%)

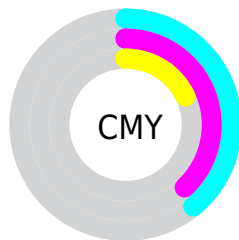


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (39%)

Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4243, 36.3683, 65.3689 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 37.4243, 36.3683, 65.3689 by changing the saturation by 10% instead.

■ 37.4243, 36.3683,
65.3689

■ 37.4243, 36.3683,
65.3689

326.4676,
330.5675, 462.4589

■ 25.7114, 24.7188,
47.3070

■ 70.5345, 69.6001,
114.1984

■ 16.7394, 15.8677,
32.9224

■ 92.6624, 91.9513,
145.8031

■ 10.1430, 9.4306,
21.7963

118.9928,
118.6384, 182.7592

■ 5.5569, 5.0231,
13.5104

149.8908,
150.0458, 225.4852

■ 2.6156, 2.2608,
7.6461

185.7220,
186.5581, 274.3996

■ 0.9539, 0.7528,
3.7849

226.8516,

■ 0.0000, 0.0000,

228.5595, 329.9210

1.5081

273.6450,
276.4345, 392.4679

■ 0.0000, 0.0000,
0.2239

■ 0.0000, 0.0000,
0.0000

■ 37.4243, 36.3683,
65.3689

■ 37.4243, 36.3683,
65.3689

■ 30.6839, 28.3348,
64.1742

■ 45.3823, 45.8044,
66.7714

■ 25.0975, 21.6330,
63.1750

■ 54.6101, 56.7012,
68.3884

■ 20.6013, 16.1919,
62.3617

■ 65.1611, 69.1187,
70.2291

■ 17.1239, 11.9324,
61.7229

■ 77.0848, 83.1120,
72.3016

■ 14.5851, 8.7665,
61.2456

■ 88.5087, 97.3835,
74.4542

■ 12.8927, 6.5937,
60.9154

■ 11.9350, 5.2942,
60.7151

■ 11.6865, 4.9590,
60.6634

Harmonies

Analogous

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



33.2225, 36.3683, 66.9025



37.4243, 36.3683, 65.3689



41.1236, 36.3683, 56.2248

Triad

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



37.4243, 36.3683, 65.3689



39.9678, 36.3683, 24.4039



27.2333, 36.3683, 35.8240

Complementary

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



37.4243, 36.3683, 65.3689



54.0426, 59.5846, 39.6640

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.



28.7471, 36.3683, 26.6235



37.4243, 36.3683, 65.3689



35.9473, 36.3683, 20.9649

Square

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



37.4243, 36.3683, 65.3689



42.6722, 36.3683, 32.1538



31.8589, 36.3683, 21.6860



27.5591, 36.3683, 48.1127

Rectangle

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



37.4243, 36.3683, 65.3689



42.6992, 36.3683, 47.9028



31.8589, 36.3683, 21.6860



27.5390, 36.3683, 32.3148

Sweetspot

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



37.4255, 36.3697, 65.3697



82.2066, 84.8693, 106.6564



47.2780, 56.9539, 65.9437



17.1111, 17.5938, 22.7440



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.



37.4255, 36.3697, 65.3697



52.6317, 49.8213, 101.4502



41.4764, 37.4531, 65.3653



11.2330, 11.5564, 14.8822



7.2331, 3.1128, 37.4121



0.4296, 0.2243, 2.1002

Inverse Universe

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



44.2748, 39.5022, 38.0936



65.1791, 55.6605, 51.4599



49.0891, 58.4701, 39.7100



11.8438, 11.8222, 12.4531



16.2817, 8.3855, 1.1235



0.9231, 0.4739, 0.1296

Previews

White Background



This preview shows how the XYZ color 37.4243, 36.3683, 65.3689 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 37.4243, 36.3683, 65.3689 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 37.4243, 36.3683, 65.3689

Background



This preview shows how black text looks on a background with the XYZ color 37.4243, 36.3683, 65.3689.



This preview shows how white text looks on a background with the XYZ color 37.4243, 36.3683,

65.3689.

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

37.4243, 36.3683, 65.3689

Protanopia

36.7722, 36.5324, 66.0861

Deuteranopia

37.0436, 36.1720, 65.3511



Tritanopia

33.8854, 36.5142, 47.3815

Trichromacy



Original Color

37.4243, 36.3683, 65.3689

Protanomaly

36.9662, 36.3741, 66.0453

Deuteranomaly

37.2332, 36.2697, 65.3600

Tritanomaly

35.0450, 36.4478, 53.3322

Monochromacy



Original Color

37.4243, 36.3683, 65.3689

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8565, 36.7130, 48.3765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4243, 36.3683, 65.3689 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(155, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 209)  
}
```

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(155, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 209) }
```

Border

The CSS property to change the border of an element to XYZ 37.4243, 36.3683, 65.3689 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(155, 159, 209) }
```


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

```
.border{ border-color:rgb(155, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 159,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4243, 36.3683, 65.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 209) }
```

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

```
.background{ background-color: rgb(155,  
159, 209) }
```

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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