

Converting Colors

XYZ(37.4085, 36.0712, 55.4429)

Have a look what the booklet for
XYZ(37.4085, 36.0712, 55.4429)
contains.

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Color

**XYZ(37.4085, 36.0712,
55.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DC1
RGB	166, 157, 193
RGB Percent	65%, 62%, 76%
CMY	0.3490, 0.3843, 0.2431
CMYK	0.14, 0.19, 0.00, 0.24
HSL	255°, 22%, 69%
HSV	255°, 19%, 76%
XYZ	37.4085, 36.0712, 55.4429
YIQ	163.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

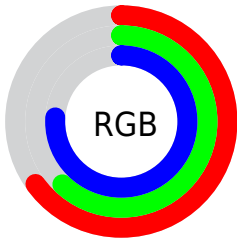
Format	Color
RYB	166, 157, 193
Decimal	10919361
CIELab	66.57, 10.50, -17.34
CIELCh	67, 20.268, 301.193
Yxy	36.0712, 0.2902, 0.2798
Android (android.graphics.Color)	4289109441 (0xFFA69DC1)
YUV	163.7950, 14.3981, 1.9338
Hunter-Lab	60.0593, 6.0766, -12.6912

Details

The XYZ color **37.4085, 36.0712, 55.4429** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9242, 50.7655, 39.3309**, and the grayscale version is **35.1260, 36.9553, 40.2443**.

A 20% lighter version of the original color is **70.6176, 69.3612, 100.1086**, and **16.7537, 15.7496, 26.5831** is the 20% darker color. If you saturate the color by 10%, you get **31.5321, 28.5721, 54.3057**, and if you desaturate by 10%, it is **44.1445, 44.7810, 56.7696**.

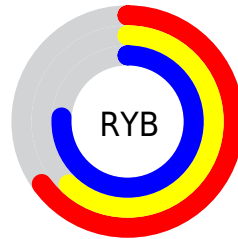
Distribution



Red (65%)

Green (62%)

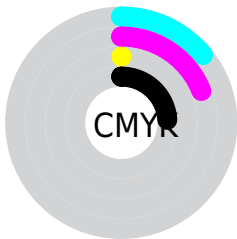
Blue (76%)



Red (65%)

Yellow (62%)

Blue (76%)

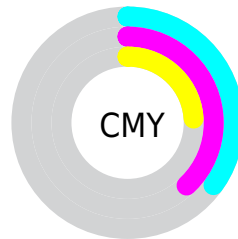


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4085, 36.0712, 55.4429 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 37.4085, 36.0712, 55.4429 by changing the saturation by 10% instead.

■ 37.4085, 36.0712,
55.4429

■ 37.4085, 36.0712,
55.4429

326.4006,
329.2716, 424.9178

■ 25.6991, 24.4892,
39.3554

■ 70.5104, 69.1419,
99.6672

■ 16.7301, 15.6969,
26.7264

■ 92.6335, 91.3995,
128.6412

■ 10.1364, 9.3099,
17.1372

118.9586,
117.9843, 162.7477

■ 5.5524, 4.9439,
10.1694

149.8510,
149.2808, 202.4053

■ 2.6129, 2.2144,
5.4043

185.6760,
185.6734, 248.0326

■ 0.9526, 0.7278,
2.4235

226.7991,

■ 0.0000, 0.0000,

227.5465, 300.0481

0.7992

273.5855,
275.2844, 358.8703

■ 0.0000, 0.0000,
0.0000

■ 37.4085, 36.0712,
55.4429

■ 37.4085, 36.0712,
55.4429

■ 31.5321, 28.5721,
54.3057

■ 44.1445, 44.7810,
56.7696

■ 26.4766, 22.2250,
53.3471

■ 51.7701, 54.7476,
58.2914

■ 22.2050, 16.9732,
52.5585

■ 60.3178, 66.0203,
60.0168

■ 18.6764, 12.7532,
51.9299

■ 69.8177, 78.6444,
61.9528

■ 15.8456, 9.4948,
51.4502

■ 80.2983, 92.6628,
64.1062

■ 13.6624, 7.1188,
51.1067

■ 85.8415, 96.2260,
64.5018

■ 12.0691, 5.5331,
50.8846

■ 86.6258, 96.6303,
64.5385

■ 10.9791, 4.5899,
50.7600

■ 10.8562, 4.4846,
50.7461

Harmonies

Analogous

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



34.4067, 36.0712, 58.5463



37.4085, 36.0712, 55.4429



39.6772, 36.0712, 47.9253

Triad

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



37.4085, 36.0712, 55.4429



37.1850, 36.0712, 26.3343



28.7558, 36.0712, 39.6258

Complementary

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



37.4085, 36.0712, 55.4429



44.9242, 50.7655, 39.3309

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.



29.4041, 36.0712, 31.7344



37.4085, 36.0712, 55.4429



34.1627, 36.0712, 24.7786

Square

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



37.4085, 36.0712, 55.4429



39.5429, 36.0712, 31.2124



31.3396, 36.0712, 26.6028



29.5144, 36.0712, 48.6196

Rectangle

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



37.4085, 36.0712, 55.4429



40.4045, 36.0712, 41.8999



31.3396, 36.0712, 26.6028



28.8162, 36.0712, 36.7628

Sweetspot

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



37.4096, 36.0727, 55.4437



82.4009, 84.5493, 102.3369



40.7969, 45.5503, 57.0945



17.4916, 17.8960, 21.9177



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.



37.4096, 36.0727, 55.4437



62.9369, 59.3975, 98.5080



41.3075, 38.0821, 55.6261



9.7590, 9.8669, 12.6750



7.2834, 3.0151, 33.7547



0.3803, 0.1641, 1.4615

Inverse Universe

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



42.7022, 38.9136, 50.6095



74.0494, 65.3661, 88.1910



41.0089, 48.7471, 39.1477



10.3862, 10.2031, 12.1244



18.0477, 8.9088, 18.6950



0.8060, 0.3954, 0.9459

Previews

White Background



This preview shows how the XYZ color 37.4085, 36.0712, 55.4429 looks on a white background.

Color Contrast Check

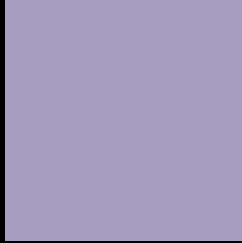
Large Text (above 18pt) WCAG AA × Fail

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 37.4085, 36.0712, 55.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

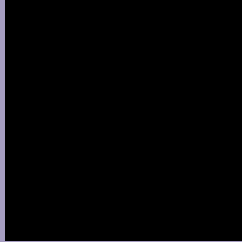
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4085, 36.0712, 55.4429

Background



This preview shows how black text looks on a background with the XYZ color 37.4085, 36.0712, 55.4429.



This preview shows how white text looks on a background with the XYZ color 37.4085, 36.0712,

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

37.4085, 36.0712, 55.4429

Protanopia

35.7476, 35.9518, 56.6850

Deuteranopia

36.9568, 36.0905, 55.4704



Tritanopia

35.2179, 35.9453, 44.6171

Trichromacy



Original Color

37.4085, 36.0712, 55.4429

Protanomaly

36.2363, 35.9604, 56.0701

Deuteranomaly

37.1623, 36.1965, 55.4800

Tritanomaly

35.9462, 35.9841, 48.2311

Monochromacy



Original Color

37.4085, 36.0712, 55.4429

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9998, 36.5842, 45.7215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4085, 36.0712, 55.4429 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(166, 157, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 193)  
}
```

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(166, 157, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.4085, 36.0712, 55.4429 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(166, 157, 193) }
```


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

```
.border{ border-color:rgb(166, 157, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4085, 36.0712, 55.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 193) }
```

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

```
.background{ background-color: rgb(166,  
157, 193) }
```

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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