

Converting Colors

XYZ(36.1355, 33.6425, 55.1033)

Have a look what the booklet for
XYZ(36.1355, 33.6425, 55.1033)
contains.

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Color

**XYZ(36.2579, 33.7699,
55.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	A696C1
RGB	166, 150, 193
RGB Percent	65%, 59%, 76%
CMY	0.3490, 0.4118, 0.2431
CMYK	0.14, 0.22, 0.00, 0.24
HSL	262°, 26%, 67%
HSV	262°, 22%, 76%
XYZ	36.2579, 33.7699, 55.0593
YIQ	159.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

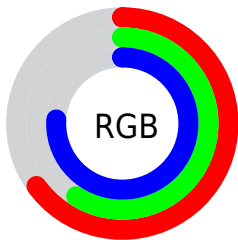
Format	Color
R_{YB}	166, 150, 193
Decimal	10917569
CIE _{Lab}	64.78, 14.44, -20.06
CIE _{LCh}	65, 24.718, 305.739
Yxy	33.7699, 0.2899, 0.2700
Android (android.graphics.Color)	4289107649 (0xFFA696C1)
YUV	159.6860, 16.4238, 5.5374
Hunter-Lab	58.1119, 9.6762, -15.4972

Details

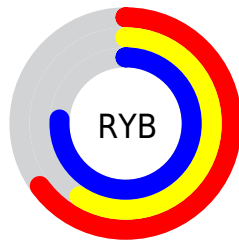
The XYZ color **36.2579, 33.7699, 55.0593** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.7074, 49.6898, 36.1958**, and the grayscale version is **33.1983, 34.9272, 38.0357**.

A 20% lighter version of the original color is **68.6670, 65.4600, 99.4584**, and **16.0615, 14.3652, 26.3523** is the 20% darker color. If you saturate the color by 10%, you get **31.0065, 26.8619, 54.0032**, and if you desaturate by 10%, it is **42.2581, 41.8186, 56.2971**.

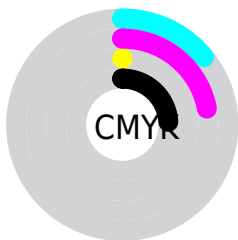
Distribution



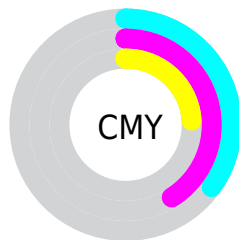
- Red (65%)
- Green (59%)
- Blue (76%)



- Red (65%)
- Yellow (59%)
- Blue (76%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2579, 33.7699, 55.0593 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 36.2579, 33.7699, 55.0593 by changing the saturation by 10% instead.

■ 36.2579, 33.7699,
55.0593

■ 36.2579, 33.7699,
55.0593

321.4980,
319.1048, 423.4250

■ 24.8045, 22.7169,
39.0503

■ 68.7512, 65.5757,
99.0999

■ 16.0594, 14.3846,
26.4907

■ 90.5218, 87.0972,
127.9685

■ 9.6573, 8.3886,
16.9621

116.4622,
112.8771, 161.9607

■ 5.2329, 4.3446,
10.0458

146.9377,
143.2997, 201.4951

■ 2.4207, 1.8681,
5.3233

182.3136,
178.7493, 246.9902

■ 0.8554, 0.5291,
2.3761

222.9554,

■ 0.0000, 0.0000,

219.6105, 298.8645

0.7734

269.2284,
266.2675, 357.5366

■ 0.0000, 0.0000,
0.0000

■ 36.2579, 33.7699,
55.0593

■ 36.2579, 33.7699,
55.0593

■ 31.0065, 26.8619,
54.0032

■ 42.2581, 41.8186,
56.2971

■ 26.4692, 21.0374,
53.1181

■ 49.0333, 51.0532,
57.7225

■ 22.6135, 16.2403,
52.3954

■ 56.6124, 61.5217,
59.3437

■ 19.4025, 12.4081,
51.8250

■ 65.0217, 73.2681,
61.1677

■ 16.7956, 9.4706,
51.3954

■ 74.2863, 86.3341,
63.2014

■ 14.7471, 7.3483,
51.0937

■ 80.8862, 93.6714,
64.2698

■ 13.2032, 5.9461,
50.9044

■ 85.1095, 95.8487,
64.4675

■ 12.2843, 5.2208,
50.8129

■ 86.6257, 96.6303,
64.5384

Harmonies

Analogous

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



32.7857, 33.7699, 59.8911



36.2579, 33.7699, 55.0593



38.7414, 33.7699, 45.4147

Triad

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



36.2579, 33.7699, 55.0593



34.9888, 33.7699, 21.6535



25.7648, 33.7699, 38.7623

Complementary

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



36.2579, 33.7699, 55.0593



42.7074, 49.6898, 36.1958

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.



26.2598, 33.7699, 29.2979



36.2579, 33.7699, 55.0593



31.4185, 33.7699, 20.5278

Square

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



36.2579, 33.7699, 55.0593



37.9717, 33.7699, 26.4791



28.2678, 33.7699, 23.0583



26.8623, 33.7699, 49.4310

Rectangle

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



36.2579, 33.7699, 55.0593



39.4082, 33.7699, 38.2435



28.2678, 33.7699, 23.0583



25.7516, 33.7699, 35.3342

Sweetspot

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



36.2590, 33.7713, 55.0601



81.7792, 83.1746, 102.1044



37.9727, 41.8719, 56.5333



17.3870, 17.6292, 21.8717



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.



36.2590, 33.7713, 55.0601



59.9364, 53.8692, 97.5991



41.0918, 36.2627, 55.2862



9.8744, 9.9264, 12.6804



8.2521, 3.5146, 33.8001



0.4330, 0.1912, 1.4640

Inverse Universe

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



40.8355, 36.3258, 46.4554



69.7666, 59.3616, 78.8680



38.2348, 47.3841, 35.9865



10.3332, 10.1819, 11.8451



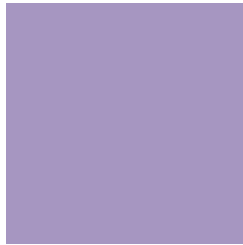
16.9703, 8.4779, 13.0217



0.7657, 0.3793, 0.7334

Previews

White Background



This preview shows how the XYZ color 36.2579, 33.7699, 55.0593 looks on a white background.

Color Contrast Check

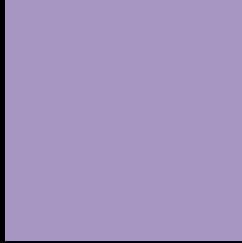
Large Text (above 18pt) WCAG AA × Fail

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 36.2579, 33.7699, 55.0593 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 36.2579, 33.7699, 55.0593

Background



This preview shows how black text looks on a background with the XYZ color 36.2579, 33.7699, 55.0593.



This preview shows how white text looks on a background with the XYZ color 36.2579, 33.7699,

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

36.2579, 33.7699, 55.0593

Protanopia

33.9991, 34.0112, 57.5962

Deuteranopia

34.5876, 33.8855, 54.5868



Tritanopia

33.5967, 33.9141, 41.3346

Trichromacy



Original Color

36.2579, 33.7699, 55.0593

Protanomaly

34.8458, 33.9667, 56.9442

Deuteranomaly

35.2037, 33.9592, 54.5685

Tritanomaly

34.3320, 33.7036, 45.7702

Monochromacy



Original Color

36.2579, 33.7699, 55.0593

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2352, 34.4369, 43.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2579, 33.7699, 55.0593 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, 150, 193)` looks like.

```
.text, #text, p{  
    color:rgb(166, 150, 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, 150, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 150, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.2579, 33.7699, 55.0593 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, 150, 193) }
```


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

```
.border{ border-color:rgb(166, 150, 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, 150, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 150, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 150, 193);  
box-shadow:4px 4px 4px 4px rgb(166, 150,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2579, 33.7699, 55.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 150, 193) }
```

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

```
.background{ background-color: rgb(166,  
150, 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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