

Converting Colors

XYZ(34.3625, 30.3338, 53.3341)

Have a look what the booklet for
XYZ(34.3625, 30.3338, 53.3341)
contains.

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Color

**XYZ(34.3625, 30.3338,
53.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	A68BBF
RGB	166, 139, 191
RGB Percent	65%, 55%, 75%
CMY	0.3490, 0.4549, 0.2510
CMYK	0.13, 0.27, 0.00, 0.25
HSL	271°, 29%, 65%
HSV	271°, 27%, 75%
XYZ	34.3625, 30.3338, 53.3341
YIQ	153.0010, -0.6000, 21.8960

Conversions

Conversions Part 2

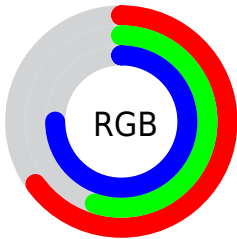
Format	Color
R_{YB}	166, 139, 191
Decimal	10914751
CIE _{Lab}	61.94, 20.24, -23.28
CIE _{LCh}	62, 30.844, 311.010
Yxy	30.3338, 0.2911, 0.2570
Android (android.graphics.Color)	4289104831 (0xFFA68BBF)
YUV	153.0010, 18.7335, 11.4001
Hunter-Lab	55.0761, 14.9846, -18.8614

Details

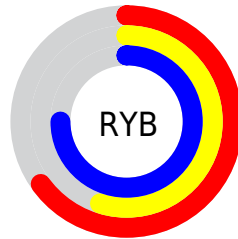
The XYZ color **34.3625, 30.3338, 53.3341** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.6017, 47.0189, 31.4684**, and the grayscale version is **30.2008, 31.7736, 34.6014**.

A 20% lighter version of the original color is **65.9827, 60.3849, 96.1735**, and **14.8978, 12.4616, 25.2870** is the 20% darker color. If you saturate the color by 10%, you get **29.9783, 24.3213, 52.4051**, and if you desaturate by 10%, it is **39.3693, 37.3860, 54.4319**.

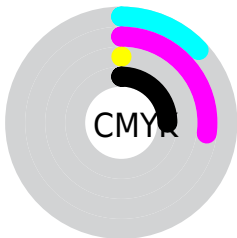
Distribution



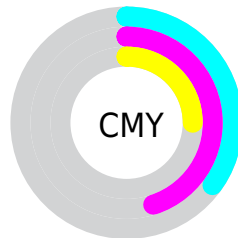
- Red (65%)
- Green (55%)
- Blue (75%)



- Red (65%)
- Yellow (55%)
- Blue (75%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)





- Cyan (35%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3625, 30.3338, 53.3341 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 34.3625, 30.3338, 53.3341 by changing the saturation by 10% instead.


 34.3625, 30.3338,
53.3341

 34.3625, 30.3338,
53.3341


313.3030,
303.4573, 416.6682


 23.3364, 20.0921,
37.6800


 65.8375, 60.1897,
96.5423

 14.9642, 12.4620,
25.4345


 87.0172, 80.5726,
124.9335

 8.8804, 7.0591,
16.1791


 112.3122,
105.1047, 158.4075

 4.7197, 3.4991,
9.4953

142.0877,
134.1705, 197.3829

 2.1168, 1.3975,
4.9644

176.7092,
168.1542, 242.2781

 0.6983, 0.2149,
2.1680

216.5420,

 0.0000, 0.0000,

207.4403, 293.5116

0.6558

261.9515,
252.4132, 351.5022

■ 0.0000, 0.0000,
0.0000

■ 34.3625, 30.3338,
53.3341

■ 34.3625, 30.3338,
53.3341

■ 29.9783, 24.3213,
52.4051

■ 39.3693, 37.3860,
54.4319

■ 26.1857, 19.2929,
51.6344

■ 45.0218, 45.5222,
55.7044

■ 22.9555, 15.1936,
51.0134

■ 51.3454, 54.7885,
57.1597

■ 20.2541, 11.9612,
50.5319

■ 58.3634, 65.2274,
58.8047

■ 18.0443, 9.5256,
50.1782

■ 66.0976, 76.8791,
60.6461

■ 16.2827, 7.8050,
49.9390

■ 74.5691, 89.7817,
62.6901

■ 14.9097, 6.6853,
49.7952

■ 77.8875, 92.1512,
62.9725

■ 14.5686, 6.4240,
49.7628

■ 80.9175, 93.7132,
63.1143

■ 84.1052, 95.3565,
63.2635

Harmonies

Analogous

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



30.3747, 30.3338, 60.7601



34.3625, 30.3338, 53.3341



37.0111, 30.3338, 40.9955

Triad

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



34.3625, 30.3338, 53.3341



31.4934, 30.3338, 15.8530



21.7178, 30.3338, 37.5649

Complementary

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



34.3625, 30.3338, 53.3341



38.6017, 47.0189, 31.4684

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.



21.9554, 30.3338, 26.1667



34.3625, 30.3338, 53.3341



27.3412, 30.3338, 15.3561

Square

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



34.3625, 30.3338, 53.3341



35.2485, 30.3338, 20.2396



23.9281, 30.3338, 18.6675



23.2446, 30.3338, 50.3125

Rectangle

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



34.3625, 30.3338, 53.3341



37.5225, 30.3338, 32.6291



23.9281, 30.3338, 18.6675



21.5980, 30.3338, 33.4308

Sweetspot

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



34.3635, 30.3351, 53.3348



79.6707, 80.1320, 99.5471



33.3518, 35.8503, 54.4526



17.1429, 17.0863, 21.7798



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.



34.3635, 30.3351, 53.3348



56.4712, 47.3348, 94.4393



40.0281, 33.2663, 53.1034



9.4763, 9.4624, 11.9992



9.6677, 4.2700, 32.7075



0.4539, 0.2060, 1.2847

Inverse Universe

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



37.4202, 32.2231, 39.3704



63.0831, 51.4164, 64.3367



34.0031, 44.6408, 31.5851



9.7161, 9.6107, 10.8938



15.4251, 7.8012, 7.5321



0.6373, 0.3188, 0.4692

Previews

White Background



This preview shows how the XYZ color 34.3625, 30.3338, 53.3341 looks on a white background.

Color Contrast Check

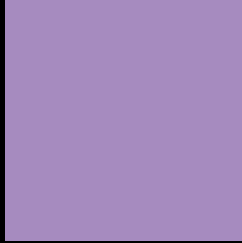
Large Text (above 18pt) WCAG AA × Fail

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 34.3625, 30.3338, 53.3341 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 34.3625, 30.3338, 53.3341

Background



This preview shows how black text looks on a background with the XYZ color 34.3625, 30.3338, 53.3341.



This preview shows how white text looks on a background with the XYZ color 34.3625, 30.3338,

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

34.3625, 30.3338, 53.3341

Protanopia

30.9363, 30.4913, 57.6810

Deuteranopia

31.1206, 30.4709, 52.3853



Tritanopia

30.7084, 30.1587, 36.1010

Trichromacy



Original Color

34.3625, 30.3338, 53.3341

Protanomaly

32.0083, 30.3940, 55.8094

Deuteranomaly

32.2164, 30.3396, 52.8733

Tritanomaly

31.8842, 30.1909, 41.6831

Monochromacy



Original Color

34.3625, 30.3338, 53.3341

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6655, 31.2389, 40.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3625, 30.3338, 53.3341 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, 139, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 139, 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(166, 139, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 139, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.3625, 30.3338, 53.3341 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, 139, 191) }
```


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

```
.border{ border-color:rgb(166, 139, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 139, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 139, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 139, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 139,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3625, 30.3338, 53.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 139, 191) }
```

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

```
.background{ background-color: rgb(166,  
139, 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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