

Converting Colors

XYZ(36.6667, 34.4542, 66.3458)

Have a look what the booklet for
XYZ(36.6667, 34.4542, 66.3458)
contains.

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Color

**XYZ(36.6667, 34.4542,
66.3458)**

Conversions

Conversions Part 1

Format	Color
Hex	9B99D3
RGB	155, 153, 211
RGB Percent	61%, 60%, 83%
CMY	0.3921, 0.4000, 0.1725
CMYK	0.27, 0.27, 0.00, 0.17
HSL	242°, 40%, 71%
HSV	242°, 27%, 83%
XYZ	36.6667, 34.4542, 66.3458
YIQ	160.2100, -17.4260, 18.4620

Conversions

Conversions Part 2

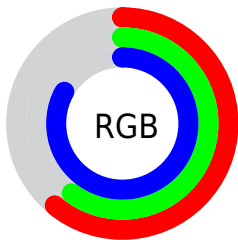
Format	Color
R_{YB}	155, 153, 211
Decimal	10197459
CIE _{Lab}	65.32, 13.46, -29.35
CIE _{LCh}	65, 32.286, 294.637
Yxy	34.4542, 0.2667, 0.2506
Android (android.graphics.Color)	4288387539 (0xFF9B99D3)
YUV	160.2100, 25.0395, -4.5692
Hunter-Lab	58.6977, 8.7826, -25.9269

Details

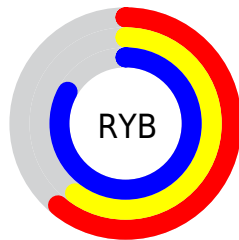
The XYZ color **36.6667, 34.4542, 66.3458** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.3394, 62.4445, 39.2747**, and the grayscale version is **33.4053, 35.1449, 38.2728**.

A 20% lighter version of the original color is **66.9412, 65.5473, 103.7315**, and **16.2316, 14.7278, 33.4397** is the 20% darker color. If you saturate the color by 10%, you get **29.9284, 26.2997, 65.1276**, and if you desaturate by 10%, it is **44.6776, 44.1727, 67.8000**.

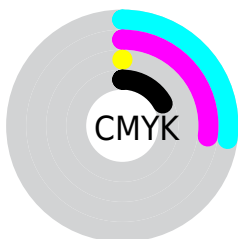
Distribution



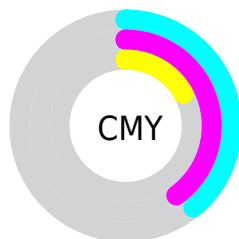
- Red (61%)
- Green (60%)
- Blue (83%)



- Red (61%)
- Yellow (60%)
- Blue (83%)



- Cyan (27%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)



- Cyan (39%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6667, 34.4542, 66.3458 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 36.6667, 34.4542, 66.3458 by changing the saturation by 10% instead.

■ 36.6667, 34.4542,
66.3458

■ 36.6667, 34.4542,
66.3458

323.2459,
322.1526, 466.0505

■ 25.1220, 23.2427,
48.0949

■ 69.3770, 66.6394,
115.6142

■ 16.2972, 14.7729,
33.5415

■ 91.2734, 88.3819,
147.4689

■ 9.8269, 8.6601,
22.2671

117.3511,
114.4035, 184.6952

■ 5.3457, 4.5202,
13.8531

147.9753,
145.0887, 227.7117

■ 2.4883, 1.9686,
7.8810

183.5116,
180.8218, 276.9369

■ 0.8894, 0.5891,
3.9322

224.3252,

■ 0.0000, 0.0000,

221.9872, 332.7894

1.5882

270.7815,
268.9693, 395.6878

■ 0.0000, 0.0000,
0.2824

■ 0.0000, 0.0000,
0.0000

■ 36.6667, 34.4542,
66.3458

■ 36.6667, 34.4542,
66.3458

■ 29.9284, 26.2997,
65.1276

■ 44.6776, 44.1727,
67.8000

■ 24.3939, 19.6238,
64.1307

■ 54.0182, 55.5266,
69.4993

■ 19.9934, 14.3391,
63.3426

■ 64.7463, 68.5879,
71.4549

■ 16.6484, 10.3473,
62.7484

■ 76.9153, 83.4230,
73.6770

■ 14.2703, 7.5373,
62.3313

■ 88.7580, 97.4832,
75.7667

■ 12.7561, 5.7794,
62.0718

■ 11.9727, 4.8993,
61.9432

■ 11.8490, 4.7501,
61.9210

Harmonies

Analogous

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



31.9092, 34.4542, 69.6847



36.6667, 34.4542, 66.3458



40.6954, 34.4542, 54.6011

Triad

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



36.6667, 34.4542, 66.3458



38.2689, 34.4542, 20.1007



24.5392, 34.4542, 35.1445

Complementary

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



36.6667, 34.4542, 66.3458



55.3394, 62.4445, 39.2747

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.



25.9086, 34.4542, 24.4261



36.6667, 34.4542, 66.3458



33.6007, 34.4542, 17.1759

Square

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



36.6667, 34.4542, 66.3458



41.6808, 34.4542, 27.7150



29.1184, 34.4542, 18.5449



25.1919, 34.4542, 49.3887

Rectangle

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



36.6667, 34.4542, 66.3458



42.2713, 34.4542, 44.8079



29.1184, 34.4542, 18.5449



24.7740, 34.4542, 31.0593

Sweetspot

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



36.6679, 34.4556, 66.3466



82.0051, 84.1217, 106.5227



47.7125, 57.1099, 70.1372



17.0609, 17.4076, 22.7107



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.



36.6679, 34.4556, 66.3466



49.9847, 45.2593, 100.7092



42.9014, 37.6691, 66.6383



11.2008, 11.4368, 14.8608



7.1685, 2.8758, 37.3698



0.4144, 0.1678, 2.0901

Inverse Universe

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



49.7648, 41.2361, 65.6590



73.3610, 57.3637, 99.3834



47.8829, 58.6006, 38.9257



12.2925, 12.0017, 14.8159



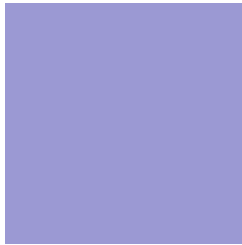
22.7783, 10.9842, 35.3345



1.2793, 0.6164, 2.0054

Previews

White Background



This preview shows how the XYZ color 36.6667, 34.4542, 66.3458 looks on a white background.

Color Contrast Check

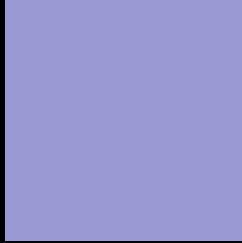
Large Text (above 18pt) WCAG AA × Fail

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 36.6667, 34.4542, 66.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

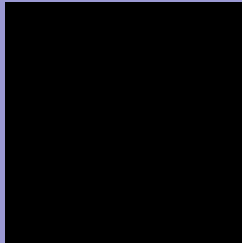
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6667, 34.4542, 66.3458

Background



This preview shows how black text looks on a background with the XYZ color 36.6667, 34.4542, 66.3458.



This preview shows how white text looks on a background with the XYZ color 36.6667, 34.4542,

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

36.6667, 34.4542, 66.3458

Protanopia

35.1814, 34.3828, 68.4006

Deuteranopia

35.1984, 34.4498, 65.7671



Tritanopia

32.1463, 34.3618, 44.4734

Trichromacy



Original Color

36.6667, 34.4542, 66.3458

Protanomaly

35.7642, 34.4498, 67.7153

Deuteranomaly

35.7486, 34.4854, 65.7450

Tritanomaly

33.6043, 34.1858, 51.8411

Monochromacy



Original Color

36.6667, 34.4542, 66.3458

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2942, 34.6377, 47.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6667, 34.4542, 66.3458 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, 153, 211)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 211)  
}
```

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, 153, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 211) }
```

Border

The CSS property to change the border of an element to XYZ 36.6667, 34.4542, 66.3458 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, 153, 211) }
```


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

```
.border{ border-color:rgb(155, 153, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 211);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6667, 34.4542, 66.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 211) }
```

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

```
.background{ background-color: rgb(155,  
153, 211) }
```

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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