

Converting Colors

XYZ(36.6991, 33.0660, 54.9002)

Have a look what the booklet for
XYZ(36.6991, 33.0660, 54.9002)
contains.

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Color

**XYZ(36.6991, 33.0660,
54.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	AB92C1
RGB	171, 146, 193
RGB Percent	67%, 57%, 76%
CMY	0.3294, 0.4274, 0.2431
CMYK	0.11, 0.24, 0.00, 0.24
HSL	272°, 27%, 66%
HSV	272°, 24%, 76%
XYZ	36.6991, 33.0660, 54.9002
YIQ	158.8330, -0.1870, 19.9170

Conversions

Conversions Part 2

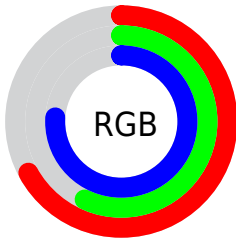
Format	Color
RYB	171, 146, 193
Decimal	11244225
CIELab	64.21, 18.34, -20.88
CIElCh	64, 27.793, 311.287
Yxy	33.0660, 0.2944, 0.2652
Android (android.graphics.Color)	4289434305 (0xFFAB92C1)
YUV	158.8330, 16.8443, 10.6705
Hunter-Lab	57.5030, 13.2904, -16.3541

Details

The XYZ color **36.6991, 33.0660, 54.9002** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.4079, 48.5410, 34.4354**, and the grayscale version is **32.8049, 34.5133, 37.5850**.

A 20% lighter version of the original color is **69.5881, 64.5416, 99.2326**, and **16.2236, 13.9000, 26.2540** is the 20% darker color. If you saturate the color by 10%, you get **32.0705, 26.6306, 53.9025**, and if you desaturate by 10%, it is **41.9665, 40.5780, 56.0731**.

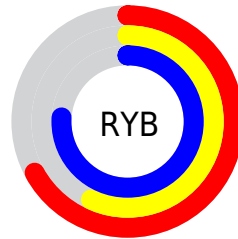
Distribution



Red (67%)

Green (57%)

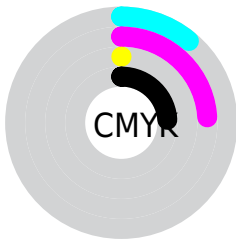
Blue (76%)



Red (67%)

Yellow (57%)

Blue (76%)

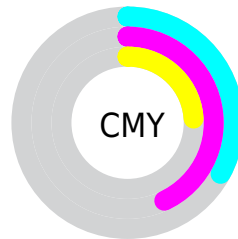


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (33%)


Magenta (43%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6991, 33.0660, 54.9002 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 36.6991, 33.0660, 54.9002 by changing the saturation by 10% instead.


 36.6991, 33.0660,
54.9002


 36.6991, 33.0660,
54.9002


323.3842,
315.9470, 422.8048

 25.1472, 22.1770,
38.9238


 69.4266, 64.4786,
98.8644

 16.3161, 13.9870,
26.3930


 91.3329, 85.7709,
127.6892

 9.8404, 8.1116,
16.8895


117.4214,
111.2999, 161.6340

 5.3547, 4.1665,
9.9946

148.0575,
141.4498, 201.1171

 2.4937, 1.7671,
5.2898

183.6064,
176.6050, 246.5572

 0.8921, 0.4666,
2.3566

224.4336,

 0.0000, 0.0000,

217.1501, 298.3729

0.7627

270.9044,
263.4693, 356.9825

■ 0.0000, 0.0000,
0.0000

■ 36.6991, 33.0660,
54.9002

■ 36.6991, 33.0660,
54.9002

■ 32.0705, 26.6306,
53.9025

■ 41.9665, 40.5780,
56.0731

■ 28.0498, 21.2158,
53.0693

■ 47.8957, 49.2106,
57.4268

■ 24.6078, 16.7669,
52.3920

■ 54.5122, 59.0105,
58.9697

■ 21.7116, 13.2220,
51.8604

■ 61.8391, 70.0204,
60.7086

■ 19.3243, 10.5119,
51.4631

■ 69.8985, 82.2806,
62.6503

■ 17.4038, 8.5569,
51.1870

■ 76.5020, 91.4113,
64.0647

■ 15.8996, 7.2606,
51.0160

■ 79.3971, 92.9038,
64.2001

■ 15.1799, 6.7136,
50.9484

■ 82.4435, 94.4743,
64.3427

■ 85.6435, 96.1239,
64.4925

Harmonies

Analogous

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



32.9351, 33.0660, 61.7598



36.6991, 33.0660, 54.9002



39.1671, 33.0660, 43.4257

Triad

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



36.6991, 33.0660, 54.9002



33.9230, 33.0660, 19.1096



24.5663, 33.0660, 40.4210

Complementary

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



36.6991, 33.0660, 54.9002



40.4079, 48.5410, 34.4354

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.



24.7825, 33.0660, 29.4788



36.6991, 33.0660, 54.9002



29.9680, 33.0660, 18.6366

Square

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



36.6991, 33.0660, 54.9002



37.4742, 33.0660, 23.4962



26.6879, 33.0660, 22.0321



26.0703, 33.0660, 52.3086

Rectangle

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



36.6991, 33.0660, 54.9002



39.6306, 33.0660, 35.5179



26.6879, 33.0660, 22.0321



24.4437, 33.0660, 36.4930

Sweetspot

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



36.7001, 33.0674, 54.9009



82.7299, 83.6647, 102.1489



35.6163, 38.2332, 55.9552



17.6073, 17.7428, 21.8820



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.



36.7001, 33.0674, 54.9009



61.3585, 53.1052, 97.3767



41.8106, 35.7120, 54.6851



10.0283, 10.0058, 12.6876



10.1894, 4.5133, 33.8907



0.5193, 0.2357, 1.4680

Inverse Universe

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



39.3402, 34.7239, 41.6764



66.9977, 56.6404, 69.2618



36.1747, 46.3516, 34.5565



10.2650, 10.1546, 11.4861



15.9044, 8.0515, 7.4085



0.7220, 0.3618, 0.5033

Previews

White Background



This preview shows how the XYZ color 36.6991, 33.0660, 54.9002 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 36.6991, 33.0660, 54.9002 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 36.6991, 33.0660, 54.9002

Background



This preview shows how black text looks on a background with the XYZ color 36.6991, 33.0660, 54.9002.



This preview shows how white text looks on a background with the XYZ color 36.6991, 33.0660,

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

36.6991, 33.0660, 54.9002

Protanopia

33.3660, 33.1640, 58.6755

Deuteranopia

34.0425, 33.3605, 54.5142



Tritanopia

33.4034, 32.8846, 39.2371

Trichromacy



Original Color

36.6991, 33.0660, 54.9002

Protanomaly

34.4711, 33.0345, 57.3828

Deuteranomaly

34.9180, 33.0920, 54.4162

Tritanomaly

34.5359, 32.8757, 44.5698

Monochromacy



Original Color

36.6991, 33.0660, 54.9002

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0105, 33.8380, 43.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6991, 33.0660, 54.9002 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(171, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 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(171, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.6991, 33.0660, 54.9002 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(171, 146, 193) }
```


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

```
.border{ border-color:rgb(171, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6991, 33.0660, 54.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 193) }
```

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

```
.background{ background-color: rgb(171,  
146, 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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