

Converting Colors

XYZ(36.9032, 35.7237, 49.4148)

Have a look what the booklet for
XYZ(36.9032, 35.7237, 49.4148)
contains.

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Color

**XYZ(36.9095, 35.7004,
49.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9CB6
RGB	170, 156, 182
RGB Percent	67%, 61%, 71%
CMY	0.3333, 0.3882, 0.2863
CMYK	0.07, 0.14, 0.00, 0.29
HSL	272°, 15%, 66%
HSV	272°, 14%, 71%
XYZ	36.9095, 35.7004, 49.2015
YIQ	163.1500, -0.0020, 11.0540

Conversions

Conversions Part 2

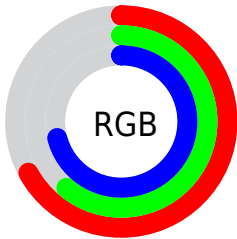
Format	Color
R_{YB}	170, 156, 182
Decimal	11181238
CIE _{Lab}	66.29, 10.08, -11.59
CIE _{LCh}	66, 15.367, 311.016
Yxy	35.7004, 0.3030, 0.2931
Android (android.graphics.Color)	4289371318 (0xFFAA9CB6)
YUV	163.1500, 9.2931, 6.0075
Hunter-Lab	59.7498, 5.7034, -6.9980

Details

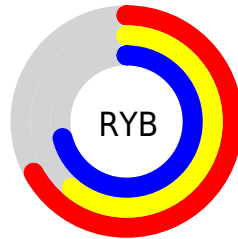
The XYZ color **36.9095, 35.7004, 49.2015** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.8785, 44.1820, 37.9332**, and the grayscale version is **34.8420, 36.6565, 39.9189**.

A 20% lighter version of the original color is **69.7782, 68.7691, 90.4850**, and **16.4852, 15.5397, 22.8995** is the 20% darker color. If you saturate the color by 10%, you get **32.3232, 29.1378, 48.1771**, and if you desaturate by 10%, it is **42.0716, 43.2411, 50.3855**.

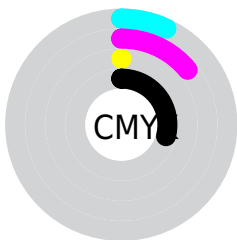
Distribution



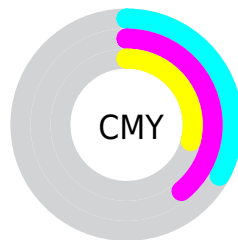
- Red (67%)
- Green (61%)
- Blue (71%)



- Red (67%)
- Yellow (61%)
- Blue (71%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9095, 35.7004, 49.2015 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 36.9095, 35.7004, 49.2015 by changing the saturation by 10% instead.

■ 36.9095, 35.7004,
49.2015

■ 36.9095, 35.7004,
49.2015

324.2809,
327.6491, 400.1803

■ 25.3108, 24.2029,
34.4126

■ 69.7483, 68.5694,
90.3747

■ 16.4387, 15.4842,
22.9308

■ 91.7191, 90.7097,
117.5962

■ 9.9279, 9.1599,
14.3376

117.8780,
117.1663, 149.7989

■ 5.4131, 4.8456,
8.2144

148.5903,
148.3238, 187.4014

■ 2.5289, 2.1570,
4.1427

184.2214,
184.5664, 230.8222

■ 0.9098, 0.6964,
1.7040

225.1366,

■ 0.0000, 0.0000,

226.2785, 280.4800

0.3635

271.7013,
273.8447, 336.7932

■ 0.0000, 0.0000,
0.0000

■ 36.9095, 35.7004,
49.2015

■ 36.9095, 35.7004,
49.2015

■ 32.3232, 29.1378,
48.1771

■ 42.0716, 43.2411,
50.3855

■ 28.2871, 23.5070,
47.3029

■ 47.8275, 51.7945,
51.7331

■ 24.7782, 18.7649,
46.5725

■ 54.1981, 61.3989,
53.2512

■ 21.7705, 14.8628,
45.9779

■ 61.2025, 72.0895,
54.9455

■ 19.2357, 11.7474,
45.5102

■ 68.8588, 83.8997,
56.8215

■ 17.1421, 9.3590,
45.1595

■ 73.8420, 90.1766,
57.7705

■ 15.4534, 7.6290,
44.9146

■ 76.4553, 91.5238,
57.8928

■ 14.1264, 6.4747,
44.7617

■ 79.1983, 92.9379,
58.0211

■ 13.4797, 5.9737,
44.6991

■ 82.0728, 94.4197,
58.1557

Harmonies

Analogous

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



34.7819, 35.7004, 52.6340



36.9095, 35.7004, 49.2015



38.2756, 35.7004, 43.1267

Triad

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



36.9095, 35.7004, 49.2015



35.3871, 35.7004, 28.1097



29.7848, 35.7004, 41.3355

Complementary

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



36.9095, 35.7004, 49.2015



38.8785, 44.1820, 37.9332

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.



29.9304, 35.7004, 34.9061



36.9095, 35.7004, 49.2015



33.0964, 35.7004, 27.7454

Square

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



36.9095, 35.7004, 49.2015



37.3697, 35.7004, 31.1579



31.1194, 35.7004, 30.0994



30.7122, 35.7004, 47.7638

Rectangle

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



36.9095, 35.7004, 49.2015



38.5354, 35.7004, 38.6480



31.1194, 35.7004, 30.0994



29.7110, 35.7004, 39.0962

Sweetspot

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



36.9106, 35.7019, 49.2023



76.4887, 78.7105, 91.3970



36.1824, 38.5013, 49.7810



16.7297, 17.1427, 20.1487



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.9106, 35.7019, 49.2023



64.3122, 60.9695, 88.6144



39.5351, 37.0652, 48.8590



8.9705, 8.9512, 11.3344



9.5966, 4.2584, 31.5692



0.4089, 0.1865, 1.1162

Inverse Universe

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



38.2490, 36.5508, 42.0868



67.2267, 62.8169, 73.1709



36.5140, 42.9545, 38.2070



9.1724, 9.0793, 10.2553



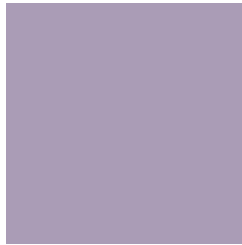
14.7865, 7.4884, 6.7627



0.5526, 0.2765, 0.4032

Previews

White Background



This preview shows how the XYZ color 36.9095, 35.7004, 49.2015 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 36.9095, 35.7004, 49.2015 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 36.9095, 35.7004, 49.2015

Background



This preview shows how black text looks on a background with the XYZ color 36.9095, 35.7004, 49.2015.



This preview shows how white text looks on a background with the XYZ color 36.9095, 35.7004,

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

36.9095, 35.7004, 49.2015

Protanopia

35.2324, 35.8125, 50.9545

Deuteranopia

36.4368, 35.7068, 49.2276



Tritanopia

35.6310, 35.6808, 43.0393

Trichromacy



Original Color

36.9095, 35.7004, 49.2015

Protanomaly

35.9502, 35.9383, 50.3894

Deuteranomaly

36.6489, 35.8162, 49.2376

Tritanomaly

36.0591, 35.6050, 45.0163

Monochromacy



Original Color

36.9095, 35.7004, 49.2015

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5524, 36.1509, 43.1342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9095, 35.7004, 49.2015 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(170, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 182)  
}
```

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(170, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.9095, 35.7004, 49.2015 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(170, 156, 182) }
```


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

```
.border{ border-color:rgb(170, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(170, 156,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9095, 35.7004, 49.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 182) }
```

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

```
.background{ background-color: rgb(170,  
156, 182) }
```

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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