

Converting Colors

XYZ(35.3533, 32.1646, 47.8729)

Have a look what the booklet for
XYZ(35.3533, 32.1646, 47.8729)
contains.

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Color

**XYZ(35.3270, 32.0534,
48.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	AC90B5
RGB	172, 144, 181
RGB Percent	67%, 56%, 71%
CMY	0.3255, 0.4353, 0.2902
CMYK	0.05, 0.20, 0.00, 0.29
HSL	285°, 20%, 64%
HSV	285°, 20%, 71%
XYZ	35.3270, 32.0534, 48.0410
YIQ	156.5900, 4.8110, 17.4430

Conversions

Conversions Part 2

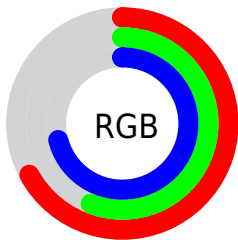
Format	Color
RYB	172, 144, 181
Decimal	11309237
CIELab	63.39, 17.31, -15.38
CIElCh	63, 23.158, 318.371
Yxy	32.0534, 0.3061, 0.2777
Android (android.graphics.Color)	4289499317 (0xFFAC90B5)
YUV	156.5900, 12.0341, 13.5146
Hunter-Lab	56.6157, 12.3027, -10.6792

Details

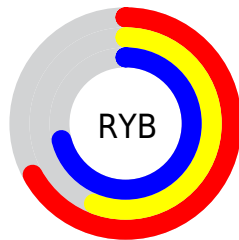
The XYZ color **35.3270, 32.0534, 48.0410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.6959, 41.8345, 32.6334**, and the grayscale version is **31.8108, 33.4675, 36.4461**.

A 20% lighter version of the original color is **67.4751, 62.9966, 88.7240**, and **15.4184, 13.3092, 22.1784** is the 20% darker color. If you saturate the color by 10%, you get **31.8522, 26.5142, 47.1555**, and if you desaturate by 10%, it is **39.2753, 38.4909, 49.0759**.

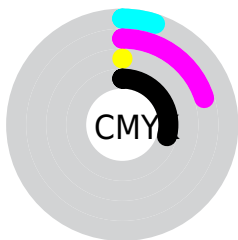
Distribution



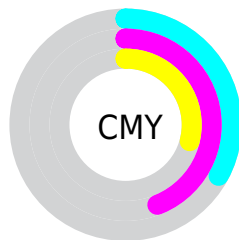
- Red (67%)
- Green (56%)
- Blue (71%)



- Red (67%)
- Yellow (56%)
- Blue (71%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (29%)





- Cyan (33%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3270, 32.0534, 48.0410 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 35.3270, 32.0534, 48.0410 by changing the saturation by 10% instead.

 35.3270, 32.0534,
48.0410

 35.3270, 32.0534,
48.0410

317.4921,
311.3624, 395.4680

 24.0826, 21.4023,
33.4991

 67.3227, 62.8948,
88.6316

 15.5199, 13.4184,
22.2348


 88.8047, 83.8539,
115.5175

 9.2738, 7.7173,
13.8296


114.4300,
109.0177, 147.3551

 4.9787, 3.9146,
7.8648

144.5638,
138.7707, 184.5629

 2.2694, 1.6259,
3.9221

179.5716,
173.4973, 227.5596

 0.7789, 0.3750,
1.5827

219.8186,

 0.0000, 0.0000,

213.5819, 276.7637

0.2784

265.6704,
259.4088, 332.5936

■ 0.0000, 0.0000,
0.0000

■ 35.3270, 32.0534,
48.0410

■ 35.3270, 32.0534,
48.0410

■ 31.8522, 26.5142,
47.1555

■ 39.2753, 38.4909,
49.0759

■ 28.8268, 21.8272,
46.4102

■ 43.7139, 45.8617,
50.2647

■ 26.2288, 17.9484,
45.7985

■ 48.6625, 54.2041,
51.6141

■ 24.0331, 14.8282,
45.3119

■ 54.1388, 63.5528,
53.1300

■ 22.2120, 12.4114,
44.9414

■ 60.1594, 73.9409,
54.8178

■ 20.7338, 10.6351,
44.6765

■ 66.7403, 85.4001,
56.6828

■ 19.5611, 9.4252,
44.5048

■ 68.6806, 87.5277,
56.9912

■ 18.6525, 8.6522,
44.4034

■ 69.8954, 88.1540,
57.0480

■ 71.1446, 88.7979,
57.1065

Harmonies

Analogous

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



32.4571, 32.0534, 54.5566



35.3270, 32.0534, 48.0410



36.9348, 32.0534, 38.5948

Triad

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



35.3270, 32.0534, 48.0410



31.7297, 32.0534, 20.2662



24.9645, 32.0534, 40.7867

Complementary

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



35.3270, 32.0534, 48.0410



34.6959, 41.8345, 32.6334

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.



24.8000, 32.0534, 31.4502



35.3270, 32.0534, 48.0410



28.5576, 32.0534, 20.6437

Square

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



35.3270, 32.0534, 48.0410



34.7624, 32.0534, 23.2636



26.0723, 32.0534, 24.4058



26.5387, 32.0534, 49.8868

Rectangle

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



35.3270, 32.0534, 48.0410



37.0043, 32.0534, 32.3848



26.0723, 32.0534, 24.4058



24.7468, 32.0534, 37.5436

Sweetspot

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



35.3280, 32.0548, 48.0417



73.6804, 74.4552, 88.7825



31.2756, 32.1313, 48.2701



15.8168, 15.9131, 19.1601



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.3280, 32.0548, 48.0417



60.0694, 52.2738, 85.2185



36.4527, 32.7406, 43.3031



8.6441, 8.5405, 10.6992



12.9234, 5.9980, 30.6136



0.4553, 0.2138, 0.9655

Inverse Universe

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



34.7802, 32.0716, 34.4959



58.9625, 52.3524, 55.8368



33.7971, 41.2860, 36.4345



8.5783, 8.5380, 9.2778



13.4742, 6.9072, 2.3913



0.4473, 0.2267, 0.1983

Previews

White Background



This preview shows how the XYZ color 35.3270, 32.0534, 48.0410 looks on a white background.

Color Contrast Check

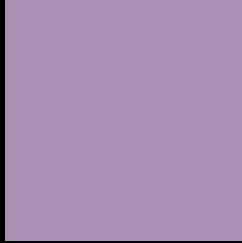
Large Text (above 18pt) WCAG AA × Fail

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 35.3270, 32.0534, 48.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

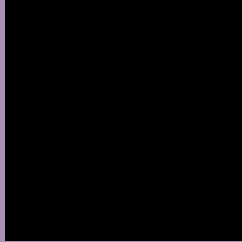
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3270, 32.0534, 48.0410

Background



This preview shows how black text looks on a background with the XYZ color 35.3270, 32.0534, 48.0410.



This preview shows how white text looks on a background with the XYZ color 35.3270, 32.0534,

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

35.3270, 32.0534, 48.0410

Protanopia

32.0519, 32.1553, 51.5310

Deuteranopia

32.8549, 32.1759, 47.6589



Tritanopia

33.2101, 32.1180, 37.2499

Trichromacy



Original Color

35.3270, 32.0534, 48.0410

Protanomaly

33.0220, 31.9662, 50.3286

Deuteranomaly

33.7284, 32.1565, 47.6092

Tritanomaly

33.9863, 32.2035, 40.9838

Monochromacy



Original Color

35.3270, 32.0534, 48.0410

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0115, 32.8910, 40.6851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3270, 32.0534, 48.0410 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(172, 144, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 181)  
}
```

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(172, 144, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.3270, 32.0534, 48.0410 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(172, 144, 181) }
```


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

```
.border{ border-color:rgb(172, 144, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3270, 32.0534, 48.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 181) }
```

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

```
.background{ background-color: rgb(172,  
144, 181) }
```

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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