

Converting Colors

XYZ(41.6232, 34.1633, 56.1897)

Have a look what the booklet for
XYZ(41.6232, 34.1633, 56.1897)
contains.

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Color

**XYZ(41.7341, 34.2984,
56.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	C38CC3
RGB	195, 140, 195
RGB Percent	76%, 55%, 76%
CMY	0.2353, 0.4510, 0.2353
CMYK	0.00, 0.28, 0.00, 0.24
HSL	300°, 31%, 66%
HSV	300°, 28%, 76%
XYZ	41.7341, 34.2984, 56.0504
YIQ	162.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

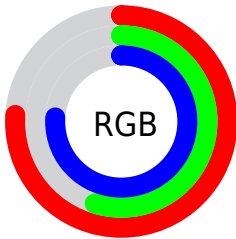
Format	Color
RYB	195, 140, 195
Decimal	12815555
CIELab	65.20, 30.04, -20.29
CIELCh	65, 36.249, 325.961
Yxy	34.2984, 0.3160, 0.2597
Android (android.graphics.Color)	4291005635 (0xFFC38CC3)
YUV	162.7150, 15.9165, 28.3139
Hunter-Lab	58.5648, 24.7131, -15.7490

Details

The XYZ color **41.7341, 34.2984, 56.0504** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.0654, 46.5002, 31.9401**, and the grayscale version is **34.6018, 36.4037, 39.6437**.

A 20% lighter version of the original color is **77.0074, 66.3073, 100.8353**, and **19.1953, 14.6433, 27.0140** is the 20% darker color. If you saturate the color by 10%, you get **39.1337, 29.0970, 55.1839**, and if you desaturate by 10%, it is **44.8415, 40.5126, 57.0867**.

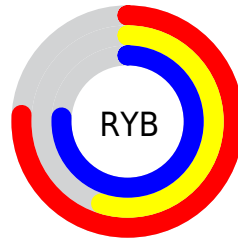
Distribution



Red (76%)

Green (55%)

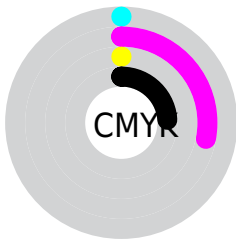
Blue (76%)



Red (76%)

Yellow (55%)

Blue (76%)

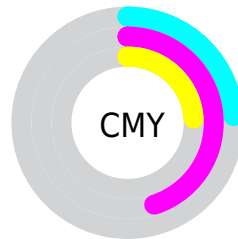


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7341, 34.2984, 56.0504 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 41.7341, 34.2984, 56.0504 by changing the saturation by 10% instead.


 41.7341, 34.2984,
56.0504


 41.7341, 34.2984,
56.0504


344.3899,
321.4606, 427.2751


 29.0833, 23.1229,
39.8391


 77.0647, 66.3974,
100.5648

 19.2885, 14.6843,
27.1003

 100.4753, 88.0898,
129.7049

 11.9841, 8.5981,
17.4154


 128.2032,
114.0566, 163.9918

 6.8050, 4.4800,
10.3660

160.6138,
144.6822, 203.8438

 3.3857, 1.9455,
5.5336

198.0724,
180.3510, 249.6796

 1.3609, 0.5755,
2.4994

240.9444,

 0.2281, 0.0000,

221.4474, 301.9177

0.8399

289.5951,
268.3558, 360.9767

■ 0.0000, 0.0000,
0.0000

■ 41.7341, 34.2984,
56.0504

■ 41.7341, 34.2984,
56.0504

■ 39.1337, 29.0970,
55.1839

■ 44.8415, 40.5126,
57.0867

■ 37.0105, 24.8506,
54.4760

■ 48.4775, 47.7845,
58.2988

■ 35.3364, 21.5025,
53.9179


■ 52.6662, 56.1618,
59.6951


■ 34.0792, 18.9881,
53.4988


■ 57.4292, 65.6879,
61.2829


■ 33.2023, 17.2343,
53.2064


■ 62.7872, 76.4038,
63.0689


 32.6628, 16.1553,
53.0264


 68.1166, 87.0625,
64.8455

 32.3943, 15.6185,
52.9368

 68.1166, 87.0625,
64.8456

 32.3563, 15.5424,
52.9241

 68.1166, 87.0625,
64.8457

 68.1166, 87.0625,
64.8458

Harmonies

Analogous

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



37.2377, 34.2984, 69.9699



41.7341, 34.2984, 56.0504



43.7834, 34.2984, 39.4260

Triad

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



41.7341, 34.2984, 56.0504



33.3183, 34.2984, 15.2387



24.3143, 34.2984, 51.5377

Complementary

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



41.7341, 34.2984, 56.0504



35.0654, 46.5002, 31.9401

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.



23.5036, 34.2984, 35.3388



41.7341, 34.2984, 56.0504



28.3635, 34.2984, 16.8640

Square

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



41.7341, 34.2984, 56.0504



38.6045, 34.2984, 18.0955



24.9058, 34.2984, 23.3468



27.2521, 34.2984, 66.9101

Rectangle

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



41.7341, 34.2984, 56.0504



43.3402, 34.2984, 29.9227



24.9058, 34.2984, 23.3468



23.7985, 34.2984, 45.9034

Sweetspot

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



41.7352, 34.2999, 56.0511



86.8783, 85.6927, 104.4310



30.0452, 28.2735, 55.5043



18.7928, 18.3004, 22.7918



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.



41.7352, 34.2999, 56.0511



71.6987, 55.3337, 99.3707



38.9064, 33.1684, 41.1550



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Inverse Universe

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



41.7352, 34.2999, 56.0511



71.6987, 55.3337, 99.3707



37.3530, 47.4153, 43.9868



10.4973, 10.2475, 12.7095



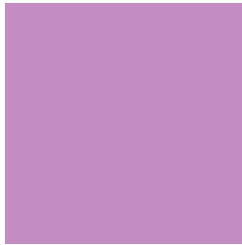
21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 41.7341, 34.2984, 56.0504 looks on a white background.

Color Contrast Check

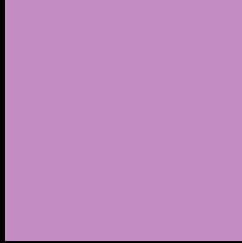
Large Text (above 18pt) WCAG AA × Fail

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 41.7341, 34.2984, 56.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

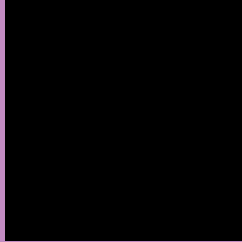
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7341, 34.2984, 56.0504

Background



This preview shows how black text looks on a background with the XYZ color 41.7341, 34.2984, 56.0504.



This preview shows how white text looks on a background with the XYZ color 41.7341, 34.2984,

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

41.7341, 34.2984, 56.0504

Protanopia

34.9965, 34.6387, 63.8729

Deuteranopia

35.1404, 34.4166, 54.6601



Tritanopia

37.8405, 34.2832, 36.9707

Trichromacy



Original Color

41.7341, 34.2984, 56.0504

Protanomaly

36.9504, 34.2315, 61.1598

Deuteranomaly

37.3266, 34.3209, 55.1093

Tritanomaly

39.0622, 34.0933, 43.0499

Monochromacy



Original Color

41.7341, 34.2984, 56.0504

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.1384, 35.6518, 45.4815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7341, 34.2984, 56.0504 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(195, 140, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 140, 195)  
}
```

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(195, 140, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 140, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.7341, 34.2984, 56.0504 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(195, 140, 195) }
```


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

```
.border{ border-color:rgb(195, 140, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 140, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 140, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 140, 195); box-shadow:4px 4px 4px 4px rgb(195, 140, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7341, 34.2984, 56.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 140, 195) }
```

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

```
.background{ background-color: rgb(195,  
140, 195) }
```

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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