

Converting Colors

XYZ(41.1095, 35.6558, 41.8703)

Have a look what the booklet for
XYZ(41.1095, 35.6558, 41.8703)
contains.

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Color

**XYZ(41.1662, 35.6643,
41.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	C892A8
RGB	200, 146, 168
RGB Percent	78%, 57%, 66%
CMY	0.2157, 0.4274, 0.3412
CMYK	0.00, 0.27, 0.16, 0.22
HSL	336°, 33%, 68%
HSV	336°, 27%, 78%
XYZ	41.1662, 35.6643, 41.7600
YIQ	164.6540, 25.1220, 18.2900

Conversions

Conversions Part 2

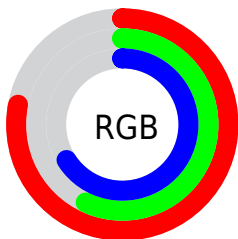
Format	Color
R _Y B	200, 146, 168
Decimal	13144744
CIE Lab	66.26, 23.72, -3.48
CIE LCh	66, 23.974, 351.658
Yxy	35.6643, 0.3471, 0.3007
Android (android.graphics.Color)	4291334824 (0xFFC892A8)
YUV	164.6540, 1.6496, 30.9984
Hunter-Lab	59.7196, 18.5352, 0.3441

Details

The XYZ color **41.1662, 35.6643, 41.7600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5457, 50.6349, 49.7584**, and the grayscale version is **35.5833, 37.4364, 40.7683**.

A 20% lighter version of the original color is **75.2136, 67.8963, 78.9531**, and **18.9216, 15.4651, 18.5108** is the 20% darker color. If you saturate the color by 10%, you get **37.2944, 29.6077, 35.2676**, and if you desaturate by 10%, it is **45.6800, 42.8430, 48.9638**.

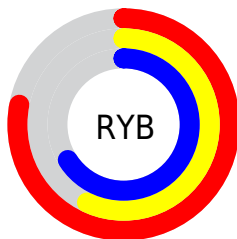
Distribution



Red (78%)

Green (57%)

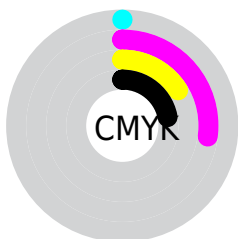
Blue (66%)



Red (78%)

Yellow (57%)

Blue (66%)

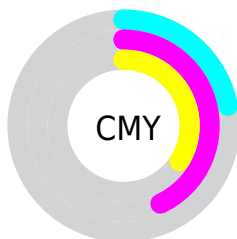


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1662, 35.6643, 41.7600 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 41.1662, 35.6643, 41.7600 by changing the saturation by 10% instead.


 41.1662, 35.6643,
41.7600


 41.1662, 35.6643,
41.7600

342.0655,
327.4909, 369.2574

 28.6372, 24.1750,
28.5892


 76.2092, 68.5136,
79.1024

 18.9495, 15.4635,
18.5274


 99.4540, 90.6424,
104.1112

 11.7375, 9.1453,
11.1560


127.0014,
117.0866, 133.9030

 6.6362, 4.8361,
6.0563

159.2168,
148.2305, 168.8965

 3.2799, 2.1514,
2.8100

196.4656,
184.4584, 209.5101

 1.3035, 0.6933,
0.9985

239.1130,

 0.1858, 0.0000,

226.1549, 256.1624

0.0000

287.5246,
273.7042, 309.2720

0.0000, 0.0000,
0.0000

41.1662, 35.6643,
41.7600

41.1662, 35.6643,
41.7600

37.2944, 29.6077,
35.2676

45.6800, 42.8430,
48.9638

34.0308, 24.6112,
29.4610

50.8615, 51.1922,
56.8992

31.3430, 20.6139,
24.3159

56.7384, 60.7630,
65.5879

29.1942, 17.5469,
19.8058

63.3361, 71.6025,
75.0503

27.5430, 15.3323,
15.9018

70.6786, 83.7549,
85.3058

■ 26.3414, 13.8794,
12.5717

■ 75.1769, 90.0384,
95.1691

■ 25.5257, 13.0662,
9.7777

■ 76.9874, 90.7626,
104.7032

■ 25.3226, 12.8807,
9.0296

■ 77.6296, 91.0195,
108.0847

Harmonies

Analogous

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



39.5817, 35.6643, 52.3741



41.1662, 35.6643, 41.7600



40.6983, 35.6643, 32.0088

Triad

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



41.1662, 35.6643, 41.7600



31.4230, 35.6643, 23.2553



29.8088, 35.6643, 56.4152

Complementary

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



41.1662, 35.6643, 41.7600



40.5457, 50.6349, 49.7584

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.



27.9006, 35.6643, 46.5627



41.1662, 35.6643, 41.7600



28.7859, 35.6643, 27.8526

Square

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



41.1662, 35.6643, 41.7600



34.9052, 35.6643, 22.4257



27.5397, 35.6643, 36.0449



32.9100, 35.6643, 61.7561

Rectangle

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



41.1662, 35.6643, 41.7600



39.2989, 35.6643, 27.1590



27.5397, 35.6643, 36.0449



29.0158, 35.6643, 53.4468

Sweetspot

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



41.1672, 35.6659, 41.7607



86.9980, 86.9135, 96.9137



38.9512, 34.1357, 59.1799



18.3161, 18.1097, 20.2816



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.



41.1672, 35.6659, 41.7607



67.4790, 55.7882, 66.0134



39.9953, 36.3290, 32.1004



10.8100, 10.7074, 11.9826



16.1429, 8.2067, 5.9623



0.8001, 0.4029, 0.4706

Inverse Universe

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



41.1672, 35.6659, 41.7607



67.4790, 55.7882, 66.0134



41.9079, 49.5367, 61.9968



10.8100, 10.7074, 11.9826



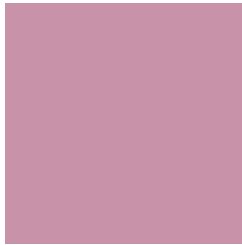
16.1429, 8.2067, 5.9623



0.8001, 0.4029, 0.4706

Previews

White Background



This preview shows how the XYZ color 41.1662, 35.6643, 41.7600 looks on a white background.

Color Contrast Check

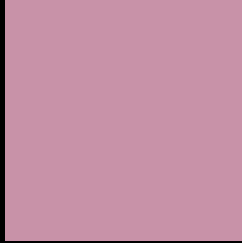
Large Text (above 18pt) WCAG AA × Fail

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 41.1662, 35.6643, 41.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

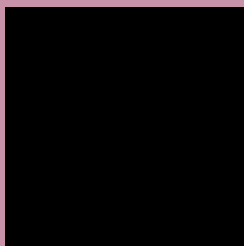
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1662, 35.6643, 41.7600

Background



This preview shows how black text looks on a background with the XYZ color 41.1662, 35.6643, 41.7600.



This preview shows how white text looks on a background with the XYZ color 41.1662, 35.6643,

41.7600.

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

41.1662, 35.6643, 41.7600

Protanopia

35.0038, 35.7895, 46.6581

Deuteranopia

36.4506, 35.6441, 41.0352



Tritanopia

40.4011, 35.8251, 37.5865

Trichromacy



Original Color

41.1662, 35.6643, 41.7600

Protanomaly

37.0405, 35.6126, 44.9661

Deuteranomaly

37.9705, 35.4368, 41.3980

Tritanomaly

40.5085, 35.6182, 38.9224

Monochromacy



Original Color

41.1662, 35.6643, 41.7600

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4699, 36.6719, 41.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1662, 35.6643, 41.7600 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(200, 146, 168)` looks like.

```
.text, #text, p{  
    color:rgb(200, 146, 168)  
}
```

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(200, 146, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 146, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.1662, 35.6643, 41.7600 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(200, 146, 168) }
```


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

```
.border{ border-color:rgb(200, 146, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 146, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 146, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 146, 168);  
box-shadow:4px 4px 4px 4px rgb(200, 146,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1662, 35.6643, 41.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 146, 168) }
```

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

```
.background{ background-color: rgb(200,  
146, 168) }
```

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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