

Converting Colors

XYZ(33.9417, 28.3086, 37.6558)

Have a look what the booklet for
XYZ(33.9417, 28.3086, 37.6558)
contains.

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Color

**XYZ(34.1390, 28.4995,
37.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	B881A2
RGB	184, 129, 162
RGB Percent	72%, 51%, 64%
CMY	0.2784, 0.4941, 0.3647
CMYK	0.00, 0.30, 0.12, 0.28
HSL	324°, 28%, 61%
HSV	324°, 30%, 72%
XYZ	34.1390, 28.4995, 37.8840
YIQ	149.2070, 22.1870, 21.9230

Conversions

Conversions Part 2

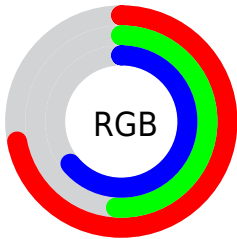
Format	Color
R_{YB}	184, 129, 162
Decimal	12091810
CIE Lab	60.34, 26.38, -9.05
CIE LCh	60, 27.889, 341.060
Yxy	28.4995, 0.3396, 0.2835
Android (android.graphics.Color)	4290281890 (0xFFB881A2)
YUV	149.2070, 6.3069, 30.5135
Hunter-Lab	53.3849, 20.7249, -4.7050

Details

The XYZ color **34.1390, 28.4995, 37.8840** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.7809, 41.1833, 35.5542**, and the grayscale version is **28.6226, 30.1132, 32.7933**.

A 20% lighter version of the original color is **65.5280, 57.1664, 73.2262**, and **14.8164, 11.4636, 16.1836** is the 20% darker color. If you saturate the color by 10%, you get **31.2949, 23.8277, 33.8019**, and if you desaturate by 10%, it is **37.4595, 34.0621, 42.3145**.

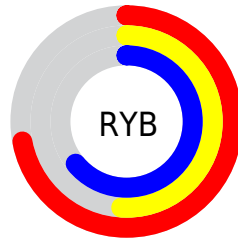
Distribution



Red (72%)

Green (51%)

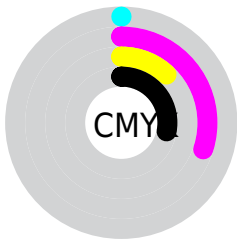
Blue (64%)



Red (72%)

Yellow (51%)

Blue (64%)

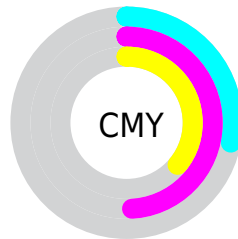


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1390, 28.4995, 37.8840 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 34.1390, 28.4995, 37.8840 by changing the saturation by 10% instead.

 34.1390, 28.4995,
37.8840


 34.1390, 28.4995,
37.8840


312.3264,
294.8461, 352.4054


 23.1638, 18.7025,
25.5915


 65.4926, 57.2809,
73.1318

 14.8359, 11.4555,
16.2953


 86.6018, 77.0342,
96.9241

 8.7898, 6.3741,
9.5767


 111.8196,
100.8750, 125.3869

 4.6604, 3.0739,
5.0173

141.5114,
129.1877, 158.9386

 2.0821, 1.1704,
2.1985

176.0427,
162.3568, 197.9977

 0.6794, 0.0373,
0.6735

215.7787,

 0.0000, 0.0000,

200.7667, 242.9829

0.0000

261.0848,
244.8016, 294.3126

■ 34.1390, 28.4995,
37.8840

■ 34.1390, 28.4995,
37.8840

■ 31.2949, 23.8277,
33.8019

■ 37.4595, 34.0621,
42.3145

■ 28.9007, 19.9956,
30.0552

■ 41.2762, 40.5551,
47.1022

■ 26.9307, 16.9530,
26.6325

■ 45.6108, 48.0207,
52.2576

■ 25.3560, 14.6427,
23.5206

■ 50.4829, 56.4970,
57.7904

■ 24.1434, 12.9996,
20.7051

■ 55.9111, 66.0203,
63.7096

■ 23.2539, 11.9470,
18.1693

■ 61.9130, 76.6250,
70.0239

■ 22.6101, 11.3311,
15.8838

■ 67.6043, 86.5412,
76.4414

■ 22.6034, 11.3249,
15.8595

■ 68.5632, 86.9248,
81.4908

■ 69.5651, 87.3255,
86.7667

Harmonies

Analogous

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



31.8687, 28.4995, 48.4078



34.1390, 28.4995, 37.8840



34.4256, 28.4995, 27.3986

Triad

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



34.1390, 28.4995, 37.8840



25.7879, 28.4995, 15.4185



22.2193, 28.4995, 45.8753

Complementary

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



34.1390, 28.4995, 37.8840



31.7809, 41.1833, 35.5542

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.



20.8748, 28.4995, 34.9713



34.1390, 28.4995, 37.8840



22.8109, 28.4995, 18.4072

Square

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



34.1390, 28.4995, 37.8840



29.3855, 28.4995, 15.8628



21.0814, 28.4995, 25.0589



24.9133, 28.4995, 53.6784

Rectangle

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



34.1390, 28.4995, 37.8840



33.4269, 28.4995, 21.9258



21.0814, 28.4995, 25.0589



21.6057, 28.4995, 42.3617

Sweetspot

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



34.1398, 28.5008, 37.8846



75.3715, 74.4550, 86.0520



29.2657, 25.7420, 48.7740



16.0181, 15.6564, 18.2698



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.



34.1398, 28.5008, 37.8846



58.3328, 45.8056, 63.6390



31.9565, 27.6275, 26.3874



9.2247, 9.1002, 10.5306



15.6136, 7.8192, 11.1181



0.5801, 0.2875, 0.5483

Inverse Universe

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



34.1398, 28.5008, 37.8846



58.3328, 45.8056, 63.6390



34.2809, 42.1833, 48.7192



9.2247, 9.1002, 10.5306



15.6136, 7.8192, 11.1181



0.5801, 0.2875, 0.5483

Previews

White Background



This preview shows how the XYZ color 34.1390, 28.4995, 37.8840 looks on a white background.

Color Contrast Check

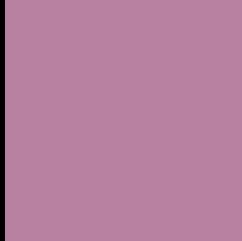
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1390, 28.4995, 37.8840 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 × Fail

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

XYZ 34.1390, 28.4995, 37.8840

Background



This preview shows how black text looks on a background with the XYZ color 34.1390, 28.4995, 37.8840.



This preview shows how white text looks on a background with the XYZ color 34.1390, 28.4995,

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

34.1390, 28.4995, 37.8840

Protanopia

28.3870, 28.8048, 43.0935

Deuteranopia

29.3446, 28.7541, 37.2612



Tritanopia

32.5006, 28.4308, 29.7613

Trichromacy



Original Color

34.1390, 28.4995, 37.8840

Protanomaly

30.0108, 28.3603, 40.9381

Deuteranomaly

30.8957, 28.4639, 37.5839

Tritanomaly

33.1498, 28.5019, 32.6084

Monochromacy



Original Color

34.1390, 28.4995, 37.8840

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4060, 29.3605, 34.6364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1390, 28.4995, 37.8840 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(184, 129, 162)` looks like.

```
.text, #text, p{  
    color:rgb(184, 129, 162)  
}
```

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(184, 129, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 129, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.1390, 28.4995, 37.8840 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(184, 129, 162) }
```


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

```
.border{ border-color:rgb(184, 129, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 129, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 129, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 129, 162);  
box-shadow:4px 4px 4px 4px rgb(184, 129,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1390, 28.4995, 37.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 129, 162) }
```

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

```
.background{ background-color: rgb(184,  
129, 162) }
```

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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