

Converting Colors

XYZ(36.5141, 36.6985, 29.2113)

Have a look what the booklet for
XYZ(36.5141, 36.6985, 29.2113)
contains.

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Color

**XYZ(36.5140, 36.6985,
29.2038)**

Conversions

Conversions Part 1

Format	Color
Hex	B79F8A
RGB	183, 159, 138
RGB Percent	72%, 62%, 54%
CMY	0.2824, 0.3765, 0.4588
CMYK	0.00, 0.13, 0.25, 0.28
HSL	28°, 24%, 63%
HSV	28°, 25%, 72%
XYZ	36.5140, 36.6985, 29.2038
YIQ	163.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

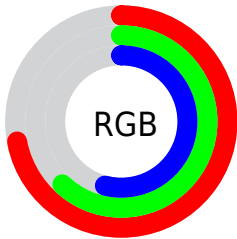
Format	Color
RYB	183, 177, 138
Decimal	12033930
CIELab	67.05, 5.50, 14.21
CIELCh	67, 15.238, 68.834
Yxy	36.6985, 0.3565, 0.3583
Android (android.graphics.Color)	4290224010 (0xFFB79F8A)
YUV	163.7820, -12.7105, 16.8542
Hunter-Lab	60.5793, 1.5766, 13.8232

Details

The XYZ color **36.5140, 36.6985, 29.2038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9486, 34.6619, 49.8065**, and the grayscale version is **35.2352, 37.0702, 40.3694**.

A 20% lighter version of the original color is **69.0471, 70.2054, 59.2020**, and **16.1773, 16.0968, 11.4869** is the 20% darker color. If you saturate the color by 10%, you get **33.6870, 32.9890, 22.2664**, and if you desaturate by 10%, it is **39.6987, 40.7657, 37.3627**.

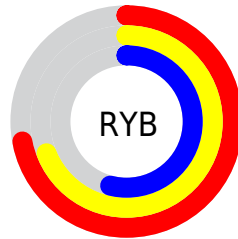
Distribution



Red (72%)

Green (62%)

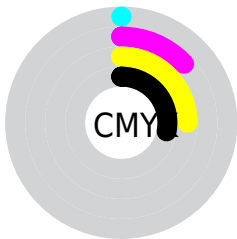
Blue (54%)



Red (72%)

Yellow (69%)

Blue (54%)

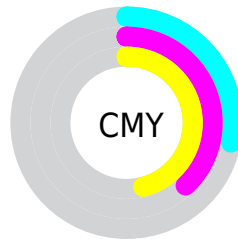


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5140, 36.6985, 29.2038 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 36.5140, 36.6985, 29.2038 by changing the saturation by 10% instead.


 36.5140, 36.6985,
29.2038


 36.5140, 36.6985,
29.2038


322.5938,
332.0033, 312.2663


 25.0034, 24.9741,
18.9881


 69.1434, 70.1088,
59.4468

 16.2083, 16.0578,
11.4850


 90.9928, 92.5636,
80.3112

 9.7635, 9.5651,
6.2758


 117.0193,
119.3639, 105.5622

 5.3035, 5.1115,
2.9420

147.5881,
150.8943, 135.6185

 2.4630, 2.3129,
1.0651

183.0646,
187.5390, 170.8985

 0.8766, 0.7805,
0.0000

223.8141,

 0.0000, 0.0000,

229.6825, 211.8207

0.0000

270.2021,
277.7091, 258.8038

■ 36.5140, 36.6985,
29.2038

■ 36.5140, 36.6985,
29.2038

■ 33.6870, 32.9890,
22.2664

■ 39.6987, 40.7657,
37.3627

■ 31.2006, 29.6215,
16.4883

■ 43.2516, 45.1956,
46.7965

■ 29.0404, 26.5867,
11.8053

■ 47.1863, 49.9994,
57.5583

■ 27.1898, 23.8725,
8.1457

■ 51.5146, 55.1864,
69.6975

■ 25.6304, 21.4662,
5.4294

■ 56.2480, 60.7654,
83.2607

■ 24.3413, 19.3537,
3.5640

■ 61.3973, 66.7450,
98.2927

■ 23.2978, 17.5191,
2.4379

■ 65.1336, 72.3975,
105.1490

■ 22.8098, 16.6299,
2.0077

■ 67.8837, 77.8978,
106.0657

■ 70.7877, 83.7057,
107.0336

Harmonies

Analogous

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



38.4669, 36.6985, 32.4811



36.5140, 36.6985, 29.2038



34.2012, 36.6985, 28.6321

Triad

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



36.5140, 36.6985, 29.2038



30.6619, 36.6985, 41.9496



37.7492, 36.6985, 50.7420

Complementary

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



36.5140, 36.6985, 29.2038



31.9486, 34.6619, 49.8065

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.



35.5693, 36.6985, 53.9358



36.5140, 36.6985, 29.2038



31.5249, 36.6985, 48.5034

Square

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



36.5140, 36.6985, 29.2038



30.8897, 36.6985, 35.5270



33.2971, 36.6985, 53.0741



39.2017, 36.6985, 44.7438

Rectangle

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



36.5140, 36.6985, 29.2038



32.7765, 36.6985, 29.7927



33.2971, 36.6985, 53.0741



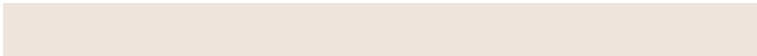
37.0734, 36.6985, 52.2078

Sweetspot

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



36.5150, 36.7002, 29.2046



75.7917, 78.8776, 79.3226



35.1388, 30.8533, 38.2861



16.6545, 17.3155, 17.2912



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.



36.5150, 36.7002, 29.2046



62.3308, 61.7281, 44.7083



40.7418, 45.1539, 30.6135



9.3409, 9.6847, 9.4839



15.9799, 11.7362, 1.4231



0.6254, 0.5378, 0.0708

Inverse Universe

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



31.9486, 34.6619, 49.8065



52.6143, 57.3895, 88.5399



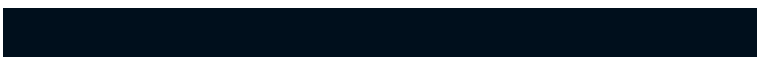
28.3341, 27.4331, 48.6016



8.9069, 9.4911, 11.4420



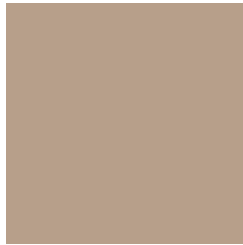
9.0519, 8.5635, 32.4289



0.3804, 0.4245, 1.1636

Previews

White Background



This preview shows how the XYZ color 36.5140, 36.6985, 29.2038 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 36.5140, 36.6985, 29.2038 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 36.5140, 36.6985, 29.2038

Background



This preview shows how black text looks on a background with the XYZ color 36.5140, 36.6985, 29.2038.



This preview shows how white text looks on a background with the XYZ color 36.5140, 36.6985,

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

36.5140, 36.6985, 29.2038

Protanopia

34.8441, 36.8585, 30.0889

Deuteranopia

37.3835, 36.6403, 29.1467



Tritanopia

38.9461, 36.6718, 41.5849

Trichromacy



Original Color

36.5140, 36.6985, 29.2038

Protanomaly

35.4850, 36.9348, 29.6850

Deuteranomaly

37.0640, 36.7278, 29.1804

Tritanomaly

37.8968, 36.4915, 36.4987

Monochromacy



Original Color

36.5140, 36.6985, 29.2038

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6313, 36.8651, 36.2481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5140, 36.6985, 29.2038 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(183, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 138)  
}
```

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(183, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 138) }
```

Border

The CSS property to change the border of an element to XYZ 36.5140, 36.6985, 29.2038 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(183, 159, 138) }
```


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

```
.border{ border-color:rgb(183, 159, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5140, 36.6985, 29.2038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 138) }
```

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

```
.background{ background-color: rgb(183,  
159, 138) }
```

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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