

Converting Colors

XYZ(36.1989, 35.0047, 30.0484)

Have a look what the booklet for
XYZ(36.1989, 35.0047, 30.0484)
contains.

XYZ(36.2065, 35.0198, 30.0505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.2065, 35.0198,
30.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	B9998D
RGB	185, 153, 141
RGB Percent	73%, 60%, 55%
CMY	0.2745, 0.4000, 0.4471
CMYK	0.00, 0.17, 0.24, 0.27
HSL	16°, 24%, 64%
HSV	16°, 24%, 73%
XYZ	36.2065, 35.0198, 30.0505
YIQ	161.2000, 22.9240, 3.0520

Conversions

Conversions Part 2

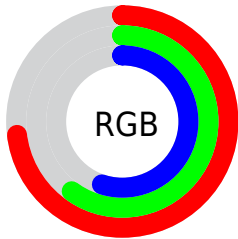
Format	Color
R _Y B	185, 158, 141
Decimal	12163469
CIE Lab	65.76, 10.02, 10.76
CIE LCh	66, 14.703, 47.026
Yxy	35.0198, 0.3575, 0.3458
Android (android.graphics.Color)	4290353549 (0xFFB9998D)
YUV	161.2000, -9.9586, 20.8726
Hunter-Lab	59.1775, 5.6507, 11.3167

Details

The XYZ color **36.2065, 35.0198, 30.0505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6847, 39.0516, 51.6087**, and the grayscale version is **34.0074, 35.7784, 38.9627**.

A 20% lighter version of the original color is **68.7811, 67.4430, 61.0224**, and **15.9998, 15.0834, 11.9656** is the 20% darker color. If you saturate the color by 10%, you get **32.8643, 30.3573, 22.7030**, and if you desaturate by 10%, it is **40.0288, 40.2741, 38.6933**.

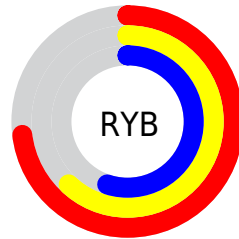
Distribution



Red (73%)

Green (60%)

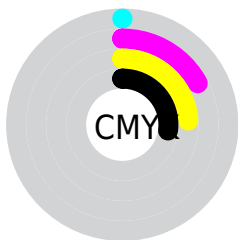
Blue (55%)



Red (73%)

Yellow (62%)

Blue (55%)

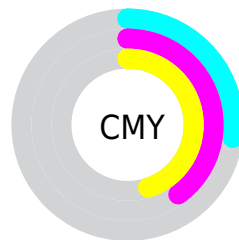


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2065, 35.0198, 30.0505 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 36.2065, 35.0198, 30.0505 by changing the saturation by 10% instead.


 36.2065, 35.0198,
30.0505


 36.2065, 35.0198,
30.0505


321.2777,
324.6557, 316.3544


 24.7646, 23.6781,
19.6245

 68.6725, 67.5164,
60.8040

 16.0295, 15.0950,
11.9411


 90.4272, 89.4402,
81.9686

 9.6360, 8.8861,
6.5815


 116.3503,
115.6601, 107.5498

 5.2187, 4.6670,
3.1273

146.8070,
146.5606, 137.9662

 2.4122, 2.0532,
1.1600

182.1628,
182.5260, 173.6364

 0.8512, 0.6381,
0.0000

222.7829,

 0.0000, 0.0000,

223.9407, 214.9787

0.0000

269.0328,
271.1891, 262.4119

■ 36.2065, 35.0198,
30.0505

■ 36.2065, 35.0198,
30.0505

■ 32.8643, 30.3573,
22.7030

■ 40.0288, 40.2741,
38.6933

■ 29.9799, 26.2607,
16.5857

■ 44.3469, 46.1352,
48.6878

■ 27.5330, 22.7095,
11.6313

■ 49.1791, 52.6236,
60.0896

■ 25.5009, 19.6798,
7.7649

■ 54.5420, 59.7576,
72.9505

■ 23.8586, 17.1459,
4.9028

■ 60.4514, 67.5543,
87.3200

■ 22.5779, 15.0799,
2.9491

■ 66.9225, 76.0306,
103.2448

■ 21.6264, 13.4505,
1.7884

■ 71.3722, 84.1635,
107.0912

■ 21.1684, 12.6359,
1.3233

■ 73.8177, 89.0543,
107.9063

Harmonies

Analogous

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



37.4295, 35.0198, 34.7428



36.2065, 35.0198, 30.0505



34.2293, 35.0198, 27.6460

Triad

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



36.2065, 35.0198, 30.0505



29.3886, 35.0198, 35.5143



34.5200, 35.0198, 50.7139

Complementary

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



36.2065, 35.0198, 30.0505



34.6847, 39.0516, 51.6087

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.



32.3588, 35.0198, 50.9784



36.2065, 35.0198, 30.0505



29.4588, 35.0198, 41.7318

Square

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



36.2065, 35.0198, 30.0505



30.3293, 35.0198, 30.5624



30.5256, 35.0198, 47.5430



36.4273, 35.0198, 46.8552

Rectangle

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



36.2065, 35.0198, 30.0505



32.7783, 35.0198, 27.4729



30.5256, 35.0198, 47.5430



33.7975, 35.0198, 51.2397

Sweetspot

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



36.2074, 35.0214, 30.0512



76.7477, 79.0075, 80.9611



37.1014, 32.3919, 43.9677



16.4452, 16.8968, 17.2214



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.



36.2074, 35.0214, 30.0512



61.3369, 57.8423, 46.0549



40.0937, 42.7939, 31.3466



9.1987, 9.4003, 9.4365



14.4669, 8.7101, 0.9187



0.5633, 0.4137, 0.0502

Inverse Universe

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



34.6847, 39.0516, 51.6087



58.0885, 66.4141, 91.9622



30.8514, 31.3851, 50.3310



9.0539, 9.7850, 11.4909



11.8806, 14.2209, 33.3718



0.4674, 0.5985, 1.1926

Previews

White Background



This preview shows how the XYZ color 36.2065, 35.0198, 30.0505 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 36.2065, 35.0198, 30.0505 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 36.2065, 35.0198, 30.0505

Background



This preview shows how black text looks on a background with the XYZ color 36.2065, 35.0198, 30.0505.



This preview shows how white text looks on a background with the XYZ color 36.2065, 35.0198,

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

36.2065, 35.0198, 30.0505

Protanopia

33.1581, 34.9169, 31.3776

Deuteranopia

35.6547, 34.9794, 30.0718



Tritanopia

37.9215, 34.9861, 38.9367

Trichromacy



Original Color

36.2065, 35.0198, 30.0505

Protanomaly

34.2485, 34.9813, 30.9336

Deuteranomaly

35.8918, 35.1016, 30.0829

Tritanomaly

37.1490, 34.9054, 35.3513

Monochromacy



Original Color

36.2065, 35.0198, 30.0505

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.6372, 35.3329, 35.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2065, 35.0198, 30.0505 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(185, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 153, 141)  
}
```

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(185, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 153, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.2065, 35.0198, 30.0505 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(185, 153, 141) }
```


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

```
.border{ border-color:rgb(185, 153, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 153, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 153,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2065, 35.0198, 30.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 153, 141) }
```

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

```
.background{ background-color: rgb(185,  
153, 141) }
```

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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