

Converting Colors

XYZ(36.0285, 35.1398, 21.0296)

Have a look what the booklet for
XYZ(36.0285, 35.1398, 21.0296)
contains.

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Color

**XYZ(35.9716, 35.0966,
21.0981)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9973
RGB	191, 153, 115
RGB Percent	75%, 60%, 45%
CMY	0.2510, 0.4000, 0.5490
CMYK	0.00, 0.20, 0.40, 0.25
HSL	30°, 37%, 60%
HSV	30°, 40%, 75%
XYZ	35.9716, 35.0966, 21.0981
YIQ	160.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

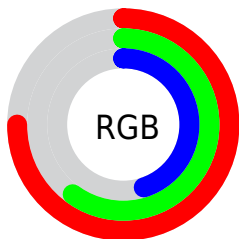
Format	Color
RYB	191, 191, 115
Decimal	12556659
CIELab	65.82, 8.98, 25.34
CIELCh	66, 26.886, 70.489
Yxy	35.0966, 0.3903, 0.3808
Android (android.graphics.Color)	4290746739 (0xFFBF9973)
YUV	160.0300, -22.1998, 27.1607
Hunter-Lab	59.2424, 4.7099, 20.3546

Details

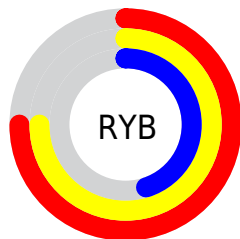
The XYZ color **35.9716, 35.0966, 21.0981** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.8651, 30.1879, 53.6484**, and the grayscale version is **33.5160, 35.2615, 38.3998**.

A 20% lighter version of the original color is **68.3548, 67.5554, 45.9960**, and **15.8881, 15.1303, 7.2373** is the 20% darker color. If you saturate the color by 10%, you get **33.4837, 31.7012, 15.3967**, and if you desaturate by 10%, it is **38.8141, 38.8366, 28.0419**.

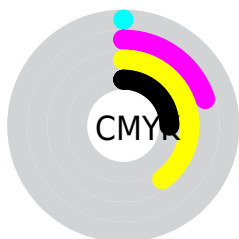
Distribution



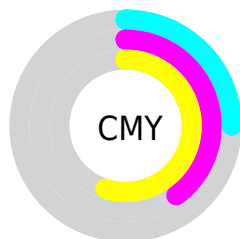
- Red (75%)
- Green (60%)
- Blue (45%)



- Red (75%)
- Yellow (75%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9716, 35.0966, 21.0981 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 35.9716, 35.0966, 21.0981 by changing the saturation by 10% instead.


 35.9716, 35.0966,
21.0981


 35.9716, 35.0966,
21.0981


320.2698,
324.9945, 270.5975

 24.5823, 23.7373,
13.0038


 68.3124, 67.6354,
46.1337

 15.8932, 15.1389,
7.3004

 89.9946, 89.5837,
63.9120

 9.5390, 8.9169,
3.5694


 115.8384,
115.8304, 85.7554

 5.1543, 4.6870,
1.3922

146.2092,
146.7600, 112.0824

 2.3737, 2.0648,
0.1356

181.4724,
182.7568, 143.3116

 0.8320, 0.6447,
0.0000

221.9933,

 0.0000, 0.0000,

224.2052, 179.8615

0.0000

268.1374,
271.4896, 222.1506

■ 35.9716, 35.0966,
21.0981

■ 35.9716, 35.0966,
21.0981

■ 33.4837, 31.7012,
15.3967

■ 38.8141, 38.8366,
28.0419

■ 31.3306, 28.6339,
10.8601

■ 42.0244, 42.9271,
36.2952

■ 29.4946, 25.8840,
7.4049


■ 45.6180, 47.3800,
45.9227


■ 27.9545, 23.4382,
4.9357


■ 49.6087, 52.2049,
56.9841


■ 26.6858, 21.2813,
3.3400


■ 54.0097, 57.4112,
69.5358


 25.6446, 19.3903,
2.4026

 58.8333, 63.0080,
83.6308

 25.6242, 19.3530,
2.3850

 64.0915, 69.0038,
99.3197

 67.6651, 74.5548,
105.4319

 70.3865, 79.9976,
106.3391

Harmonies

Analogous

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



39.5031, 35.0966, 25.7109



35.9716, 35.0966, 21.0981



31.9886, 35.0966, 20.5052

Triad

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



35.9716, 35.0966, 21.0981



26.4051, 35.0966, 42.3314



38.5610, 35.0966, 57.3555

Complementary

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



35.9716, 35.0966, 21.0981



27.8651, 30.1879, 53.6484

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.



34.7665, 35.0966, 63.9751



35.9716, 35.0966, 21.0981



27.8862, 35.0966, 54.2286

Square

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



35.9716, 35.0966, 21.0981



26.6717, 35.0966, 31.3718



30.8747, 35.0966, 62.7293



41.0782, 35.0966, 45.9856

Rectangle

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



35.9716, 35.0966, 21.0981



29.6353, 35.0966, 22.3095



30.8747, 35.0966, 62.7293



37.3807, 35.0966, 60.3029

Sweetspot

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



35.9725, 35.0983, 21.0988



80.0934, 82.8835, 77.8789



33.3666, 25.6381, 33.3274



17.3971, 17.9654, 16.5870



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9725, 35.0983, 21.0988



60.4003, 57.3760, 28.5286



43.2113, 49.5758, 23.5117



9.9137, 10.3033, 10.0429



16.9204, 12.8796, 1.5942



0.7282, 0.6354, 0.0843

Inverse Universe

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



27.8651, 30.1879, 53.6484



43.8174, 47.3324, 95.1058



22.6053, 19.6684, 51.8952



9.3999, 9.9922, 12.1055



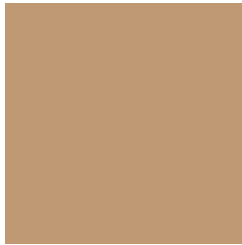
8.9792, 8.0700, 33.4773



0.4172, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 35.9716, 35.0966, 21.0981 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 35.9716, 35.0966, 21.0981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

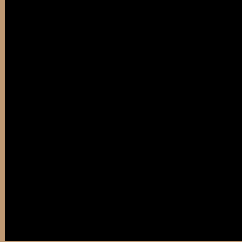
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9716, 35.0966, 21.0981

Background



This preview shows how black text looks on a background with the XYZ color 35.9716, 35.0966, 21.0981.



This preview shows how white text looks on a background with the XYZ color 35.9716, 35.0966,

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

35.9716, 35.0966, 21.0981

Protanopia

32.8541, 35.2203, 22.2061

Deuteranopia

35.7209, 34.9674, 21.0863



Tritanopia

39.1974, 34.9727, 37.4854

Trichromacy



Original Color

35.9716, 35.0966, 21.0981

Protanomaly

33.8583, 34.9820, 21.7973

Deuteranomaly

35.7209, 34.9674, 21.0863

Tritanomaly

37.9535, 34.9474, 30.7318

Monochromacy



Original Color

35.9716, 35.0966, 21.0981

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8856, 34.7855, 31.3139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9716, 35.0966, 21.0981 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(191, 153, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 115)  
}
```

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(191, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 115) }
```

Border

The CSS property to change the border of an element to XYZ 35.9716, 35.0966, 21.0981 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(191, 153, 115) }
```


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

```
.border{ border-color:rgb(191, 153, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9716, 35.0966, 21.0981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 115) }
```

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

```
.background{ background-color: rgb(191,  
153, 115) }
```

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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