

Converting Colors

XYZ(36.2121, 36.3094, 22.1291)

Have a look what the booklet for
XYZ(36.2121, 36.3094, 22.1291)
contains.

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Color

**XYZ(36.0660, 36.1133,
22.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9D76
RGB	188, 157, 118
RGB Percent	74%, 62%, 46%
CMY	0.2627, 0.3843, 0.5372
CMYK	0.00, 0.16, 0.37, 0.26
HSL	33°, 34%, 60%
HSV	33°, 37%, 74%
XYZ	36.0660, 36.1133, 22.2092
YIQ	161.8230, 30.9950, -5.5570

Conversions

Conversions Part 2

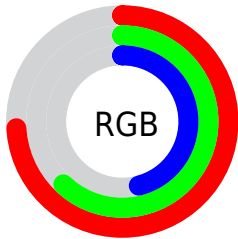
Format	Color
RYB	174, 188, 118
Decimal	12361078
CIELab	66.61, 5.92, 24.69
CIElCh	67, 25.395, 76.514
Yxy	36.1133, 0.3821, 0.3826
Android (android.graphics.Color)	4290551158 (0xFFBC9D76)
YUV	161.8230, -21.6047, 22.9572
Hunter-Lab	60.0943, 1.9628, 20.1541

Details

The XYZ color **36.0660, 36.1133, 22.2092** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.2954, 28.9763, 51.7313**, and the grayscale version is **34.3483, 36.1371, 39.3533**.

A 20% lighter version of the original color is **68.2062, 68.9033, 47.7350**, and **15.9011, 15.7243, 7.8272** is the 20% darker color. If you saturate the color by 10%, you get **33.6977, 32.9899, 16.4466**, and if you desaturate by 10%, it is **38.7548, 39.5211, 29.1780**.

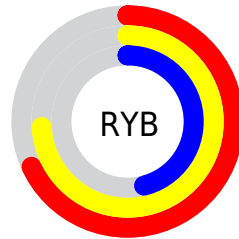
Distribution



Red (74%)

Green (62%)

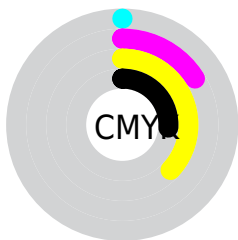
Blue (46%)



Red (68%)

Yellow (74%)

Blue (46%)

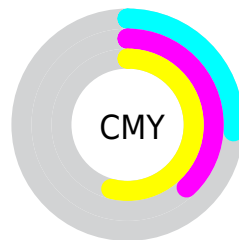


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0660, 36.1133, 22.2092 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 36.0660, 36.1133, 22.2092 by changing the saturation by 10% instead.


 36.0660, 36.1133,
22.2092


 36.0660, 36.1133,
22.2092


320.6751,
329.4555, 276.6259

 24.6555, 24.5217,
13.8109


 68.4571, 69.2069,
47.9981

 15.9480, 15.7211,
7.8520


 90.1685, 91.4777,
66.2259

 9.5779, 9.3270,
3.9140


 116.0442,
118.0770, 88.5671

 5.1801, 4.9551,
1.5783

146.4496,
149.3893, 115.4405

 2.3892, 2.2209,
0.2753

181.7500,
185.7989, 147.2646

 0.8397, 0.7314,
0.0000

222.3108,

 0.0000, 0.0000,

227.6902, 184.4578

0.0000

268.4974,
275.4476, 227.4387

■ 36.0660, 36.1133,
22.2092

■ 36.0660, 36.1133,
22.2092

■ 33.6977, 32.9899,
16.4466

■ 38.7548, 39.5211,
29.1780

■ 31.6320, 30.1368,
11.8172

■ 41.7754, 43.2168,
37.4157

■ 29.8531, 27.5458,
8.2437

■ 45.1418, 47.2101,
46.9831

■ 28.3424, 25.2062,
5.6379

■ 48.8663, 51.5090,
57.9366

■ 27.0783, 23.1061,
3.8970

■ 52.9607, 56.1206,
70.3293

■ 26.0312, 21.2301,
2.8752

■ 57.4360, 61.0522,
84.2113

■ 25.7656, 20.7445,
2.6461

■ 62.3029, 66.3105,
99.6306

■ 65.3377, 71.0086,
104.8701

■ 67.6248, 75.5829,
105.6325

Harmonies

Analogous

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



39.6309, 36.1133, 25.9497



36.0660, 36.1133, 22.2092



32.2790, 36.1133, 22.4063

Triad

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



36.0660, 36.1133, 22.2092



27.7538, 36.1133, 45.6081



39.9337, 36.1133, 55.6447

Complementary

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



36.0660, 36.1133, 22.2092



27.2954, 28.9763, 51.7313

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.



36.4548, 36.1133, 63.1308



36.0660, 36.1133, 22.2092



29.5145, 36.1133, 56.6412

Square

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



36.0660, 36.1133, 22.2092



27.6667, 36.1133, 34.6172



32.6402, 36.1133, 63.5260



41.9731, 36.1133, 44.4332

Rectangle

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



36.0660, 36.1133, 22.2092



30.1375, 36.1133, 24.7233



32.6402, 36.1133, 63.5260



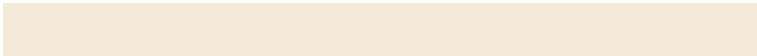
38.8827, 36.1133, 58.7643

Sweetspot

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



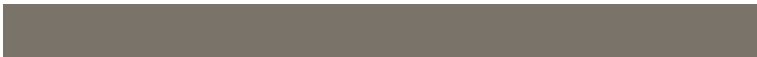
36.0669, 36.1150, 22.2099



79.3285, 82.6396, 78.0119



32.6825, 25.8345, 31.9078



16.8810, 17.5600, 16.2688



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.0669, 36.1150, 22.2099



61.6791, 60.6053, 31.2361



41.1405, 47.5267, 24.1452



9.9591, 10.3942, 10.0580



17.6177, 14.2741, 1.8266



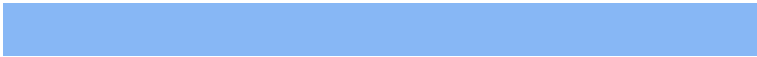
0.7543, 0.6876, 0.0930

Inverse Universe

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



27.2954, 28.9763, 51.7313



43.4047, 45.7413, 92.7675



23.5113, 20.6893, 50.3312



9.3548, 9.9020, 12.0904



8.3707, 6.8531, 33.2745



0.3931, 0.3989, 1.3251

Previews

White Background



This preview shows how the XYZ color 36.0660, 36.1133, 22.2092 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 36.0660, 36.1133, 22.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

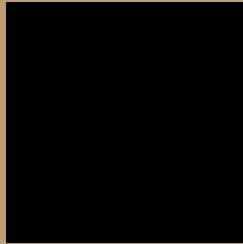
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0660, 36.1133, 22.2092

Background



This preview shows how black text looks on a background with the XYZ color 36.0660, 36.1133, 22.2092.



This preview shows how white text looks on a background with the XYZ color 36.0660, 36.1133,

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

36.0660, 36.1133, 22.2092

Protanopia

33.7661, 36.1954, 22.9760

Deuteranopia

36.7296, 35.9572, 22.1441



Tritanopia

39.6698, 36.1150, 39.5304

Trichromacy



Original Color

36.0660, 36.1133, 22.2092

Protanomaly

34.4910, 36.0572, 22.5946

Deuteranomaly

36.6443, 36.1613, 22.1880

Tritanomaly

38.1436, 35.9654, 32.5354

Monochromacy



Original Color

36.0660, 36.1133, 22.2092

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5537, 35.8749, 32.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0660, 36.1133, 22.2092 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(188, 157, 118)` looks like.

```
.text, #text, p{  
    color:rgb(188, 157, 118)  
}
```

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(188, 157, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.0660, 36.1133, 22.2092 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(188, 157, 118) }
```


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

```
.border{ border-color:rgb(188, 157, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 157, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 157, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 157, 118);  
box-shadow:4px 4px 4px 4px rgb(188, 157,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0660, 36.1133, 22.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 157, 118) }
```

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

```
.background{ background-color: rgb(188,  
157, 118) }
```

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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