

Converting Colors

XYZ(36.2696, 39.1134, 22.4676)

Have a look what the booklet for
XYZ(36.2696, 39.1134, 22.4676)
contains.

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Color

**XYZ(36.2696, 39.1134,
22.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A875
RGB	181, 168, 117
RGB Percent	71%, 66%, 46%
CMY	0.2902, 0.3412, 0.5412
CMYK	0.00, 0.07, 0.35, 0.29
HSL	48°, 30%, 58%
HSV	48°, 35%, 71%
XYZ	36.2696, 39.1134, 22.4676
YIQ	166.0730, 24.1190, -13.1050

Conversions

Conversions Part 2

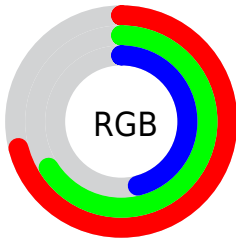
Format	Color
RYB	133, 181, 117
Decimal	11905141
CIELab	68.83, -3.00, 28.08
CIElCh	69, 28.239, 96.092
Yxy	39.1134, 0.3707, 0.3997
Android (android.graphics.Color)	4290095221 (0xFFB5A875)
YUV	166.0730, -24.1930, 13.0910
Hunter-Lab	62.5407, -5.9277, 22.4787

Details

The XYZ color **36.2696, 39.1134, 22.4676** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6591, 23.0827, 46.9246**, and the grayscale version is **36.3868, 38.2817, 41.6888**.

A 20% lighter version of the original color is **68.9033, 73.8548, 48.6540**, and **16.0412, 17.4202, 7.9858** is the 20% darker color. If you saturate the color by 10%, you get **34.6380, 37.3917, 17.1714**, and if you desaturate by 10%, it is **38.1281, 40.9593, 28.8555**.

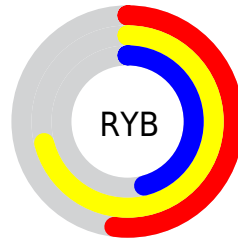
Distribution



Red (71%)

Green (66%)

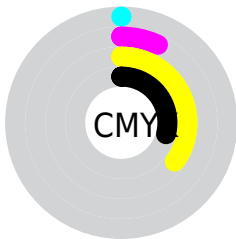
Blue (46%)



Red (52%)

Yellow (71%)

Blue (46%)

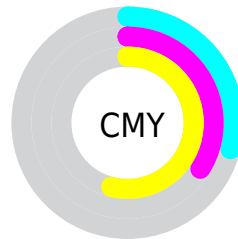


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2696, 39.1134, 22.4676 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 36.2696, 39.1134, 22.4676 by changing the saturation by 10% instead.


 36.2696, 39.1134,
22.4676


 36.2696, 39.1134,
22.4676


321.5481,
342.3724, 278.0113

 24.8136, 26.8480,
13.9993


 68.7691, 73.8115,
48.4297

 16.0662, 17.4591,
7.9814


 90.5433, 97.0130,
66.7606

 9.6622, 10.5623,
3.9955


 116.4876,
124.6286, 89.2160

 5.2361, 5.7734,
1.6229

146.9674,
157.0427, 116.2146

 2.4226, 2.7078,
0.3070

182.3480,
194.6398, 148.1749

 0.8564, 0.9811,
0.0000

222.9947,

 0.0000, 0.0000,

237.8041, 185.5154

0.0000

269.2730,
286.9202, 228.6547

■ 36.2696, 39.1134,
22.4676

■ 36.2696, 39.1134,
22.4676

■ 34.6380, 37.3917,
17.1714

■ 38.1281, 40.9593,
28.8555

■ 33.2184, 35.7839,
12.9018

■ 40.2218, 42.9289,
36.3905

■ 31.9983, 34.2861,
9.5904

■ 42.5618, 45.0281,
45.1270

■ 30.9631, 32.8921,
7.1595

■ 45.1580, 47.2612,
55.1152

■ 30.0953, 31.5948,
5.5191

■ 48.0194, 49.6321,
66.4026

■ 29.3737, 30.3854,
4.5581

■ 51.1547, 52.1445,
79.0340

■ 29.0668, 29.8451,
4.2287

■ 54.5722, 54.8018,
93.0522

■ 57.1650, 57.1616,
102.6281

■ 58.0121, 58.8557,
102.9105

Harmonies

Analogous

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



40.7771, 39.1134, 23.7835



36.2696, 39.1134, 22.4676



32.3297, 39.1134, 25.6031

Triad

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



36.2696, 39.1134, 22.4676



30.6415, 39.1134, 58.8338



45.6190, 39.1134, 53.3874

Complementary

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



36.2696, 39.1134, 22.4676



23.6591, 23.0827, 46.9246

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.



42.4841, 39.1134, 65.7921



36.2696, 39.1134, 22.4676



33.7936, 39.1134, 69.3525

Square

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



36.2696, 39.1134, 22.4676



29.2526, 39.1134, 45.2594



38.0976, 39.1134, 72.1256



46.4150, 39.1134, 40.0235

Rectangle

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



36.2696, 39.1134, 22.4676



30.4763, 39.1134, 30.2559



38.0976, 39.1134, 72.1256



44.7922, 39.1134, 57.8841

Sweetspot

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



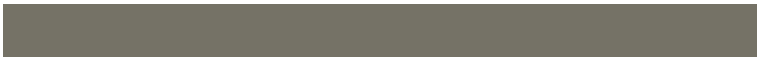
36.2706, 39.1152, 22.4684



73.7311, 78.4254, 71.4395



29.5053, 24.1818, 24.5383



15.8176, 16.8437, 15.0011



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.2706, 39.1152, 22.4684



62.7745, 67.7672, 33.0897



34.8120, 42.1047, 23.1223



9.0476, 9.6077, 9.0301



20.0881, 20.6747, 2.9319



0.6692, 0.7248, 0.1046

Inverse Universe

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



23.6591, 23.0827, 46.9246



37.0032, 35.0173, 83.1033



24.7153, 21.2212, 46.5096



8.1771, 8.5004, 10.7161



6.2415, 3.2834, 30.4418



0.2371, 0.1848, 0.9714

Previews

White Background



This preview shows how the XYZ color 36.2696, 39.1134, 22.4676 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 36.2696, 39.1134, 22.4676 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 36.2696, 39.1134, 22.4676

Background



This preview shows how black text looks on a background with the XYZ color 36.2696, 39.1134, 22.4676.



This preview shows how white text looks on a background with the XYZ color 36.2696, 39.1134,

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

36.2696, 39.1134, 22.4676

Protanopia

36.2696, 39.1134, 22.4676

Deuteranopia

39.8941, 39.1010, 22.8974



Tritanopia

40.7812, 39.0717, 44.9273

Trichromacy



Original Color

36.2696, 39.1134, 22.4676

Protanomaly

36.2696, 39.1134, 22.4676

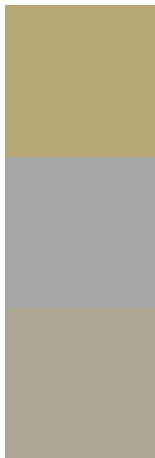
Deuteranomaly

38.5378, 39.1964, 22.6740

Tritanomaly

39.0328, 39.1651, 35.6394

Monochromacy



Original Color

36.2696, 39.1134, 22.4676

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9586, 38.4335, 33.5402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2696, 39.1134, 22.4676 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(181, 168, 117)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 117)  
}
```

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(181, 168, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 117) }
```

Border

The CSS property to change the border of an element to XYZ 36.2696, 39.1134, 22.4676 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(181, 168, 117) }
```


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

```
.border{ border-color:rgb(181, 168, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 117);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2696, 39.1134, 22.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 117) }
```

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

```
.background{ background-color: rgb(181,  
168, 117) }
```

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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