

Converting Colors

XYZ(36.5021, 33.2020, 22.8971)

Have a look what the booklet for
XYZ(36.5021, 33.2020, 22.8971)
contains.

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Color

**XYZ(36.5121, 33.2220,
22.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	C5907A
RGB	197, 144, 122
RGB Percent	77%, 56%, 48%
CMY	0.2275, 0.4353, 0.5216
CMYK	0.00, 0.27, 0.38, 0.23
HSL	18°, 39%, 63%
HSV	18°, 38%, 77%
XYZ	36.5121, 33.2220, 22.9004
YIQ	157.3390, 38.6500, 4.3940

Conversions

Conversions Part 2

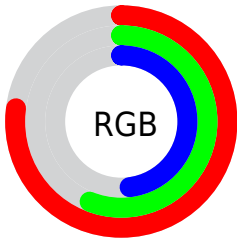
Format	Color
RYB	197, 153, 122
Decimal	12947578
CIELab	64.34, 17.18, 19.58
CIELCh	64, 26.045, 48.739
Yxy	33.2220, 0.3942, 0.3586
Android (android.graphics.Color)	4291137658 (0xFFC5907A)
YUV	157.3390, -17.4221, 34.7827
Hunter-Lab	57.6385, 12.2064, 16.7904

Details

The XYZ color **36.5121, 33.2220, 22.9004** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4335, 38.8273, 58.5557**, and the grayscale version is **32.2651, 33.9454, 36.9666**.

A 20% lighter version of the original color is **69.1719, 64.7433, 49.4084**, and **16.1015, 13.9725, 8.1516** is the 20% darker color. If you saturate the color by 10%, you get **33.4332, 28.8235, 16.4502**, and if you desaturate by 10%, it is **40.1002, 38.2426, 30.7417**.

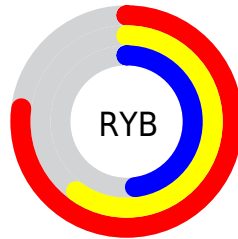
Distribution



Red (77%)

Green (56%)

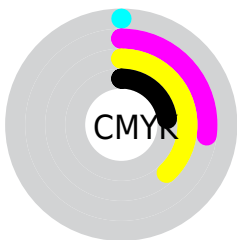
Blue (48%)



Red (77%)

Yellow (60%)

Blue (48%)

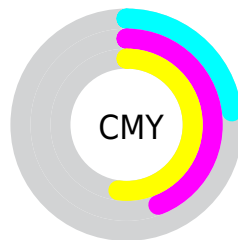


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5121, 33.2220, 22.9004 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 36.5121, 33.2220, 22.9004 by changing the saturation by 10% instead.


 36.5121, 33.2220,
22.9004


 36.5121, 33.2220,
22.9004


322.5857,
316.6489, 280.3183


 25.0019, 22.2966,
14.3154


 69.1405, 64.7220,
49.1509

 16.2072, 14.0750,
8.1991


 90.9893, 86.0653,
67.6534

 9.7627, 8.1728,
4.1330


 117.0152,
111.6500, 90.2988

 5.3029, 4.2057,
1.6986

147.5833,
141.8606, 117.5056

 2.4627, 1.7893,
0.3598

183.0590,
177.0814, 149.6925

 0.8765, 0.4805,
0.0000

223.8077,

 0.0000, 0.0000,

217.6968, 187.2778

0.0000

270.1949,
264.0911, 230.6803

■ 36.5121, 33.2220,
22.9004

■ 36.5121, 33.2220,
22.9004

■ 33.4332, 28.8235,
16.4502

■ 40.1002, 38.2426,
30.7417

■ 30.8364, 25.0175,
11.3067

■ 44.2176, 43.9040,
40.0478

■ 28.6959, 21.7790,
7.3795

■ 48.8865, 50.2299,
50.8892

■ 26.9821, 19.0791,
4.5654

■ 54.1268, 57.2413,
63.3316

■ 25.6616, 16.8859,
2.7440

■ 59.9578, 64.9582,
77.4367

■ 24.6881, 15.1613,
1.7344

■ 66.3973, 73.4001,
93.2630

■ 24.5289, 14.8761,
1.5786

■ 72.6636, 82.2656,
106.6568

■ 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



38.8155, 33.2220, 30.0058



36.5121, 33.2220, 22.9004



32.9883, 33.2220, 19.6247

Triad

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



36.5121, 33.2220, 22.9004



25.0917, 33.2220, 32.3331



33.9212, 33.2220, 59.1411

Complementary

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



36.5121, 33.2220, 22.9004



33.4335, 38.8273, 58.5557

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.



30.2056, 33.2220, 60.1023



36.5121, 33.2220, 22.9004



25.2986, 33.2220, 43.1323

Square

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



36.5121, 33.2220, 22.9004



26.5178, 33.2220, 24.3161



27.1070, 33.2220, 53.7819



37.2408, 33.2220, 51.3674

Rectangle

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



36.5121, 33.2220, 22.9004



30.5063, 33.2220, 19.5212



27.1070, 33.2220, 53.7819



32.6715, 33.2220, 60.3213

Sweetspot

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



36.5130, 33.2236, 22.9011



84.8580, 86.3229, 84.8264



37.7974, 28.9144, 44.5338



17.9131, 18.1385, 17.5742



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.5130, 33.2236, 22.9011



60.5801, 52.6351, 30.8977



43.0121, 46.2218, 25.0674



10.8832, 11.1356, 11.1385



16.1974, 9.9119, 1.0595



0.8309, 0.5971, 0.0715

Inverse Universe

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



33.4335, 38.8273, 58.5557



54.2287, 64.0918, 104.1205



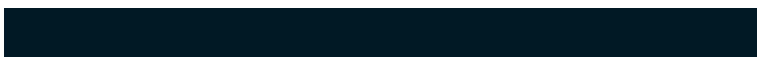
27.2288, 26.4179, 56.4875



10.6738, 11.5216, 13.5788



12.7959, 14.9858, 36.9625



0.6664, 0.8305, 1.7703

Previews

White Background



This preview shows how the XYZ color 36.5121, 33.2220, 22.9004 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 36.5121, 33.2220, 22.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

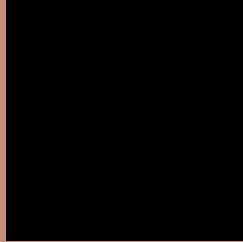
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5121, 33.2220, 22.9004

Background



This preview shows how black text looks on a background with the XYZ color 36.5121, 33.2220, 22.9004.



This preview shows how white text looks on a background with the XYZ color 36.5121, 33.2220,

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

36.5121, 33.2220, 22.9004

Protanopia

31.3018, 33.3348, 25.2065

Deuteranopia

33.8860, 33.2604, 22.7231



Tritanopia

38.7834, 33.2699, 33.6558

Trichromacy



Original Color

36.5121, 33.2220, 22.9004

Protanomaly

33.1256, 33.3099, 24.4222

Deuteranomaly

34.7801, 33.2517, 22.6743

Tritanomaly

37.8117, 33.0853, 29.2042

Monochromacy



Original Color

36.5121, 33.2220, 22.9004

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2755, 33.2407, 31.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5121, 33.2220, 22.9004 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(197, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 122)  
}
```

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(197, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 122) }
```

Border

The CSS property to change the border of an element to XYZ 36.5121, 33.2220, 22.9004 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(197, 144, 122) }
```


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

```
.border{ border-color:rgb(197, 144, 122) }
```

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

Here you see how a box with a 4 pixel rgb(197, 144, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(197, 144,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5121, 33.2220, 22.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 122) }
```

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

```
.background{ background-color: rgb(197,  
144, 122) }
```

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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