

Converting Colors

XYZ(36.5720, 36.6944, 30.7464)

Have a look what the booklet for
XYZ(36.5720, 36.6944, 30.7464)
contains.

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Color

**XYZ(36.5720, 36.6944,
30.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	B69F8E
RGB	182, 159, 142
RGB Percent	71%, 62%, 56%
CMY	0.2863, 0.3765, 0.4431
CMYK	0.00, 0.13, 0.22, 0.29
HSL	26°, 22%, 64%
HSV	26°, 22%, 71%
XYZ	36.5720, 36.6944, 30.7464
YIQ	163.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

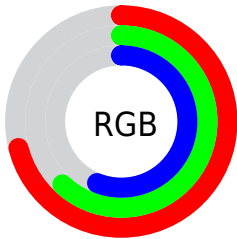
Format	Color
R_{YB}	182, 172, 142
Decimal	11968398
CIE _{Lab}	67.05, 5.71, 11.97
CIE _{LCh}	67, 13.263, 64.511
Yxy	36.6944, 0.3516, 0.3528
Android (android.graphics.Color)	4290158478 (0xFFB69F8E)
YUV	163.9390, -10.8159, 15.8395
Hunter-Lab	60.5759, 1.7595, 12.3094

Details

The XYZ color **36.5720, 36.6944, 30.7464** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0536, 36.0374, 49.4698**, and the grayscale version is **35.3019, 37.1403, 40.4458**.

A 20% lighter version of the original color is **69.2703, 70.2558, 62.1343**, and **16.3476, 16.1650, 12.3838** is the 20% darker color. If you saturate the color by 10%, you get **33.5920, 32.7454, 23.5530**, and if you desaturate by 10%, it is **39.9294, 41.0406, 39.1673**.

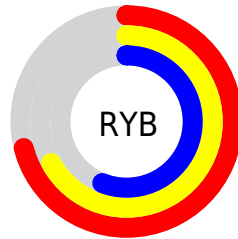
Distribution



Red (71%)

Green (62%)

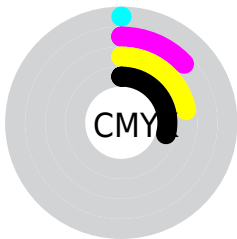
Blue (56%)



Red (71%)

Yellow (67%)

Blue (56%)

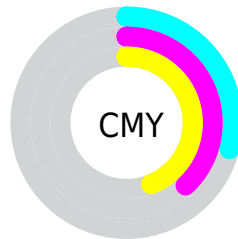


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5720, 36.6944, 30.7464 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 36.5720, 36.6944, 30.7464 by changing the saturation by 10% instead.

■ 36.5720, 36.6944,
30.7464

■ 36.5720, 36.6944,
30.7464

322.8416,
331.9855, 319.6832

■ 25.0484, 24.9710,
20.1490

■ 69.2321, 70.1025,
61.9155

■ 16.2421, 16.0554,
12.3182

■ 91.0994, 92.5560,
83.3242

■ 9.7875, 9.5634,
6.8356

■ 117.1453,
119.3549, 109.1738

■ 5.3195, 5.1104,
3.2826

147.7352,
150.8838, 139.8827

■ 2.4726, 2.3122,
1.2407

183.2344,
187.5268, 175.8696

■ 0.8815, 0.7802,
0.0124

224.0083,

■ 0.0000, 0.0000,

229.6686, 217.5530

0.0000

270.4223,
277.6933, 265.3513

■ 36.5720, 36.6944,
30.7464

■ 36.5720, 36.6944,
30.7464

■ 33.5920, 32.7454,
23.5530

■ 39.9294, 41.0406,
39.1673

■ 30.9720, 29.1769,
17.5265

■ 43.6751, 45.7903,
48.8676

■ 28.6973, 25.9779,
12.6048

■ 47.8228, 50.9561,
59.8991

■ 26.7509, 23.1353,
8.7187

■ 52.3851, 56.5481,
72.3102

■ 25.1143, 20.6347,
5.7914

■ 57.3737, 62.5764,
86.1464

■ 23.7667, 18.4608,
3.7349

■ 62.7997, 69.0507,
101.4516

■ 22.6837, 16.5962,
2.4450

■ 66.2677, 75.0176,
105.5949

■ 21.9711, 15.3045,
1.7961

■ 69.3054, 81.0930,
106.6075

■ 72.5215, 87.5253,
107.6795

Harmonies

Analogous

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



38.1700, 36.6944, 33.9878



36.5720, 36.6944, 30.7464



34.5729, 36.6944, 29.8761

Triad

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



36.5720, 36.6944, 30.7464



31.1531, 36.6944, 40.8336



37.1198, 36.6944, 49.8190

Complementary

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



36.5720, 36.6944, 30.7464



33.0536, 36.0374, 49.4698

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.



35.1827, 36.6944, 52.0760



36.5720, 36.6944, 30.7464



31.7789, 36.6944, 46.5804

Square

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



36.5720, 36.6944, 30.7464



31.4932, 36.6944, 35.3639



33.2351, 36.6944, 50.8375



38.4947, 36.6944, 44.9249

Rectangle

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



36.5720, 36.6944, 30.7464



33.2932, 36.6944, 30.6792



33.2351, 36.6944, 50.8375



36.5101, 36.6944, 50.9316

Sweetspot

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



36.5730, 36.6961, 30.7472



75.6016, 78.4973, 79.2592



35.7866, 32.0203, 40.0513



16.6092, 17.2248, 17.2761



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.



36.5730, 36.6961, 30.7472



63.8121, 63.2463, 49.6552



40.2274, 44.0050, 31.9653



9.3100, 9.6230, 9.4736



15.5789, 10.9341, 1.2894



0.6108, 0.5087, 0.0660

Inverse Universe

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



33.0536, 36.0374, 49.4698



56.3767, 61.8522, 89.2030



29.7757, 29.4815, 48.3772



8.9382, 9.5536, 11.4524



9.5706, 9.6009, 32.6018



0.3974, 0.4584, 1.1693

Previews

White Background



This preview shows how the XYZ color 36.5720, 36.6944, 30.7464 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 36.5720, 36.6944, 30.7464 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 36.5720, 36.6944, 30.7464

Background



This preview shows how black text looks on a background with the XYZ color 36.5720, 36.6944, 30.7464.



This preview shows how white text looks on a background with the XYZ color 36.5720, 36.6944,

30.7464.

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

36.5720, 36.6944, 30.7464

Protanopia

34.9258, 36.8659, 31.6606

Deuteranopia

37.4330, 36.6317, 30.6889



Tritanopia

38.7040, 36.5470, 41.5736

Trichromacy



Original Color

36.5720, 36.6944, 30.7464

Protanomaly

35.5575, 36.9378, 31.2422

Deuteranomaly

37.1169, 36.7210, 30.7228

Tritanomaly

37.8272, 36.4359, 37.3869

Monochromacy



Original Color

36.5720, 36.6944, 30.7464

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7157, 36.8989, 36.6923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5720, 36.6944, 30.7464 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(182, 159, 142)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 142)  
}
```

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(182, 159, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 142) }
```

Border

The CSS property to change the border of an element to XYZ 36.5720, 36.6944, 30.7464 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(182, 159, 142) }
```


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

```
.border{ border-color:rgb(182, 159, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 142);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5720, 36.6944, 30.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 142) }
```

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

```
.background{ background-color: rgb(182,  
159, 142) }
```

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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