

Converting Colors

XYZ(32.7943, 31.1311, 13.5953)

Have a look what the booklet for
XYZ(32.7943, 31.1311, 13.5953)
contains.

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Color

**XYZ(32.6697, 30.9977,
13.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8E58
RGB	190, 142, 88
RGB Percent	75%, 56%, 35%
CMY	0.2549, 0.4431, 0.6549
CMYK	0.00, 0.25, 0.54, 0.25
HSL	32°, 44%, 55%
HSV	32°, 54%, 75%
XYZ	32.6697, 30.9977, 13.4938
YIQ	150.1960, 45.9420, -6.6180

Conversions

Conversions Part 2

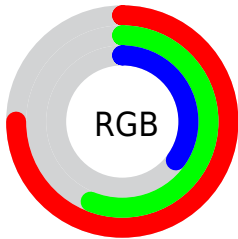
Format	Color
RYB	179, 190, 88
Decimal	12488280
CIELab	62.51, 11.86, 35.64
CIElCh	63, 37.562, 71.596
Yxy	30.9977, 0.4234, 0.4017
Android (android.graphics.Color)	4290678360 (0xFFBE8E58)
YUV	150.1960, -30.6626, 34.9081
Hunter-Lab	55.6756, 7.3092, 24.6031

Details

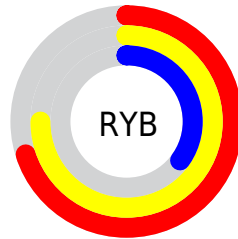
The XYZ color **32.6697, 30.9977, 13.4938** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.1226, 23.3999, 52.0658**, and the grayscale version is **29.1858, 30.7058, 33.4386**.

A 20% lighter version of the original color is **63.4670, 61.4837, 32.9486**, and **14.0417, 12.8758, 3.7527** is the 20% darker color. If you saturate the color by 10%, you get **30.7058, 28.1696, 9.4494**, and if you desaturate by 10%, it is **34.9469, 34.1243, 18.6551**.

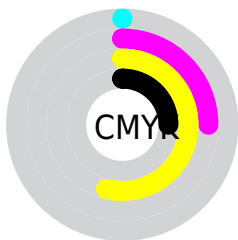
Distribution



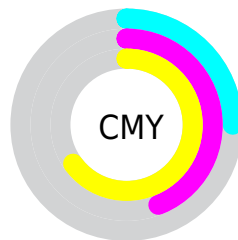
- Red (75%)
- Green (56%)
- Blue (35%)



- Red (70%)
- Yellow (75%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (25%)




- Cyan (25%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6697, 30.9977, 13.4938 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 32.6697, 30.9977, 13.4938 by changing the saturation by 10% instead.


 32.6697, 30.9977,
13.4938


 32.6697, 30.9977,
13.4938

305.8501,
306.5277, 225.3764

 22.0316, 20.5971,
7.6347


 63.2176, 61.2365,
32.8922

 13.9968, 12.8298,
3.7777


 83.8581, 81.8434,
47.2686


 8.2001, 7.3115,
1.5042


 108.5635,
106.6212, 65.3213

 4.2762, 3.6576,
0.2211

 137.6990,
135.9544, 87.4687

 1.8595, 1.4840,
0.0000

 171.6301,
170.2272, 114.1293

 0.5531, 0.2774,
0.0000

210.7221,

 0.0000, 0.0000,

209.8241, 145.7218

0.0000

255.3403,
255.1295, 182.6647

■ 32.6697, 30.9977,
13.4938

■ 32.6697, 30.9977,
13.4938

■ 30.7058, 28.1696,
9.4494

■ 34.9469, 34.1243,
18.6551

■ 29.0342, 25.6239,
6.4334

■ 37.5522, 37.5555,
25.0090

■ 27.6342, 23.3495,
4.3469

■ 40.5018, 41.3028,
32.6263

■ 26.4807, 21.3320,
3.0697

■ 43.8102, 45.3755,
41.5720

■ 25.8497, 20.1762,
2.5320

■ 47.4908, 49.7825,
51.9066

■ 51.5565, 54.5324,
63.6866

■ 56.0194, 59.6334,
76.9656

■ 60.8909, 65.0932,
91.7943

■ 65.5311, 70.6590,
104.7924

Harmonies

Analogous

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



37.4256, 30.9977, 18.3227



32.6697, 30.9977, 13.4938



27.5338, 30.9977, 13.0306

Triad

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



32.6697, 30.9977, 13.4938



20.8586, 30.9977, 39.7205



36.4677, 30.9977, 59.4272

Complementary

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



32.6697, 30.9977, 13.4938



22.1226, 23.3999, 52.0658

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.



31.4789, 30.9977, 69.4370



32.6697, 30.9977, 13.4938



22.7174, 30.9977, 56.0531

Square

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



32.6697, 30.9977, 13.4938



21.0990, 30.9977, 25.6347



26.4722, 30.9977, 68.0495



39.7868, 30.9977, 43.4221

Rectangle

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



32.6697, 30.9977, 13.4938



24.6151, 30.9977, 15.0293



26.4722, 30.9977, 68.0495



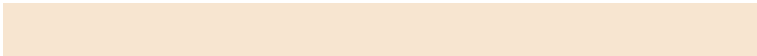
34.9076, 30.9977, 63.7875

Sweetspot

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



32.6704, 30.9992, 13.4944



77.7827, 80.2688, 70.9227



29.2620, 19.7417, 26.0485



16.8018, 17.2847, 14.8165



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.



32.6704, 30.9992, 13.4944



55.2032, 50.3935, 16.2787



40.9880, 48.2610, 16.3879



9.9370, 10.3500, 10.0506



17.2678, 13.5744, 1.7100



0.7414, 0.6617, 0.0886

Inverse Universe

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



22.1226, 23.3999, 52.0658



34.1593, 35.2482, 93.2823



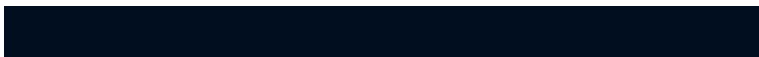
16.9716, 12.8562, 50.3022



9.3767, 9.9457, 12.0977



8.6553, 7.4224, 33.3694



0.4045, 0.4217, 1.3289

Previews

White Background



This preview shows how the XYZ color 32.6697, 30.9977, 13.4938 looks on a white background.

Color Contrast Check

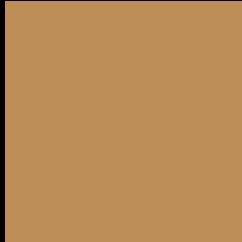
Large Text (above 18pt) WCAG AA × Fail

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 32.6697, 30.9977, 13.4938 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 32.6697, 30.9977, 13.4938

Background



This preview shows how black text looks on a background with the XYZ color 32.6697, 30.9977, 13.4938.



This preview shows how white text looks on a background with the XYZ color 32.6697, 30.9977,

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

32.6697, 30.9977, 13.4938

Protanopia

28.6808, 30.9955, 14.3686

Deuteranopia

31.4607, 30.8250, 13.3085



Tritanopia

36.2805, 30.9744, 30.8545

Trichromacy



Original Color

32.6697, 30.9977, 13.4938

Protanomaly

30.1146, 31.0320, 14.0754

Deuteranomaly

31.7925, 30.7721, 13.2808

Tritanomaly

34.7189, 30.9697, 23.2166

Monochromacy



Original Color

32.6697, 30.9977, 13.4938

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7815, 30.3991, 24.3766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6697, 30.9977, 13.4938 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(190, 142, 88)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 88)  
}
```

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(190, 142, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 88) }
```

Border

The CSS property to change the border of an element to XYZ 32.6697, 30.9977, 13.4938 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(190, 142, 88) }
```


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

```
.border{ border-color:rgb(190, 142, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 88);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6697, 30.9977, 13.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 88) }
```

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

```
.background{ background-color: rgb(190,  
142, 88) }
```

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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