

Converting Colors

XYZ(25.8699, 20.8812, 14.4714)

Have a look what the booklet for
XYZ(25.8699, 20.8812, 14.4714)
contains.

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Color

**XYZ(25.8699, 20.8812,
14.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	B26B63
RGB	178, 107, 99
RGB Percent	70%, 42%, 39%
CMY	0.3020, 0.5804, 0.6118
CMYK	0.00, 0.40, 0.44, 0.30
HSL	6°, 34%, 54%
HSV	6°, 44%, 70%
XYZ	25.8699, 20.8812, 14.4714
YIQ	127.3170, 44.8840, 12.5640

Conversions

Conversions Part 2

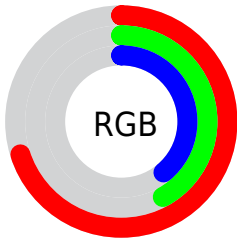
Format	Color
RYB	178, 108, 99
Decimal	11692899
CIELab	52.82, 27.40, 16.59
CIELCh	53, 32.028, 31.193
Yxy	20.8812, 0.4226, 0.3411
Android (android.graphics.Color)	4289882979 (0xFFB26B63)
YUV	127.3170, -13.9603, 44.4490
Hunter-Lab	45.6960, 21.0865, 13.2107

Details

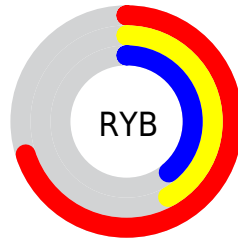
The XYZ color **25.8699, 20.8812, 14.4714** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5555, 34.6149, 47.3484**, and the grayscale version is **20.3180, 21.3762, 23.2786**.

A 20% lighter version of the original color is **52.4952, 44.8311, 34.7406**, and **10.1589, 7.4116, 4.1440** is the 20% darker color. If you saturate the color by 10%, you get **23.5946, 17.5457, 9.9673**, and if you desaturate by 10%, it is **28.6424, 24.9109, 20.0670**.

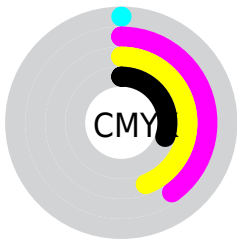
Distribution



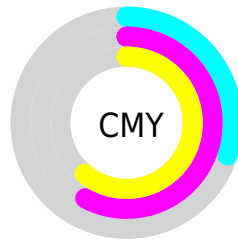
- Red (70%)
- Green (42%)
- Blue (39%)



- Red (70%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (30%)



- Cyan (30%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8699, 20.8812, 14.4714 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 25.8699, 20.8812, 14.4714 by changing the saturation by 10% instead.

■ 25.8699, 20.8812,
14.4714

■ 25.8699, 20.8812,
14.4714

274.4113,
256.6465, 231.6735

■ 16.8585, 13.0372,
8.3068

■ 52.4978, 44.8897,
34.6522

■ 10.2283, 7.4542,
4.2013

■ 70.8450, 61.8230,
49.5055

■ 5.6140, 3.7477,
1.7364

■ 93.0348, 82.5549,
68.0921

■ 2.6503, 1.5335,
0.3855

■ 119.4327,
107.4697, 90.8306

■ 0.9716, 0.3121,
0.0000

150.4039,
136.9519, 118.1394

■ 0.0000, 0.0000,
0.0000

186.3138,

171.3858, 150.4371

227.5278,
211.1559, 188.1423

■ 25.8699, 20.8812,
14.4714

■ 25.8699, 20.8812,
14.4714

■ 23.5946, 17.5457,
9.9673

■ 28.6424, 24.9109,
20.0670

■ 21.7854, 14.8621,
6.4821

■ 31.9375, 29.6677,
26.8178

■ 20.4101, 12.7886,
3.9364


■ 35.7809, 35.1860,
34.7840


■ 19.4318, 11.2770,
2.2387


■ 40.1960, 41.4973,
44.0212


■ 18.8073, 10.2718,
1.2786


■ 45.2049, 48.6312,
54.5817

 18.5769, 9.8987,
0.9315

 50.8286, 56.6159,
66.5148

 57.0870, 65.4781,
79.8673

 63.9990, 75.2434,
94.6837

 70.8990, 85.6629,
107.4056

Harmonies

Analogous

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



26.9931, 20.8812, 22.3550



25.8699, 20.8812, 14.4714



23.1087, 20.8812, 10.1181

Triad

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



25.8699, 20.8812, 14.4714



14.7299, 20.8812, 14.9681



19.9811, 20.8812, 46.5582

Complementary

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



25.8699, 20.8812, 14.4714



27.5555, 34.6149, 47.3484

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.



16.9075, 20.8812, 42.9858



25.8699, 20.8812, 14.4714



14.0884, 20.8812, 23.1215

Square

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



25.8699, 20.8812, 14.4714



16.7001, 20.8812, 10.3431



14.8399, 20.8812, 33.6670



23.3662, 20.8812, 42.4025

Rectangle

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



25.8699, 20.8812, 14.4714



20.8476, 20.8812, 8.9634



14.8399, 20.8812, 33.6670



18.8788, 20.8812, 46.2154

Sweetspot

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



25.8704, 20.8822, 14.4718



65.7588, 65.0568, 64.8962



30.0871, 21.2949, 40.6043



14.2052, 13.8924, 13.6202



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.



25.8704, 20.8822, 14.4718



42.9599, 32.0722, 18.4122



30.9529, 31.0472, 16.1660



8.5634, 8.6392, 8.8687



13.3149, 7.1283, 0.6741



0.4414, 0.2692, 0.0287

Inverse Universe

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



27.5555, 34.6149, 47.3484



46.3726, 60.0554, 85.5289



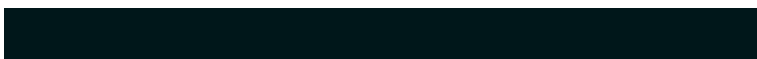
21.2443, 21.9925, 45.2446



8.6676, 9.4815, 10.8796



14.7665, 20.3333, 33.2834



0.4857, 0.6818, 1.0542

Previews

White Background



This preview shows how the XYZ color 25.8699, 20.8812, 14.4714 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8699, 20.8812, 14.4714 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 × Fail

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

XYZ 25.8699, 20.8812, 14.4714

Background



This preview shows how black text looks on a background with the XYZ color 25.8699, 20.8812, 14.4714.



This preview shows how white text looks on a background with the XYZ color 25.8699, 20.8812,

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

25.8699, 20.8812, 14.4714

Protanopia

19.8405, 20.9910, 17.1933

Deuteranopia

21.3431, 20.9088, 13.9772



Tritanopia

26.6226, 20.8791, 18.2497

Trichromacy



Original Color

25.8699, 20.8812, 14.4714

Protanomaly

21.5411, 20.6031, 16.2061

Deuteranomaly

22.9003, 20.8274, 14.1224

Tritanomaly

26.4512, 20.9745, 16.8417

Monochromacy



Original Color

25.8699, 20.8812, 14.4714

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.7814, 20.8283, 19.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8699, 20.8812, 14.4714 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(178, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(178, 107, 99)  
}
```

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(178, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 107, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.8699, 20.8812, 14.4714 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(178, 107, 99) }
```


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

```
.border{ border-color:rgb(178, 107, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(178, 107,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8699, 20.8812, 14.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 107, 99) }
```

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

```
.background{ background-color: rgb(178,  
107, 99) }
```

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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