

Converting Colors

XYZ(25.5860, 20.8936, 9.2845)

Have a look what the booklet for
XYZ(25.5860, 20.8936, 9.2845)
contains.

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Color

**XYZ(25.5838, 20.8471,
9.3321)**

Conversions

Conversions Part 1

Format	Color
Hex	B56B4B
RGB	181, 107, 75
RGB Percent	71%, 42%, 29%
CMY	0.2902, 0.5804, 0.7059
CMYK	0.00, 0.41, 0.59, 0.29
HSL	18°, 42%, 50%
HSV	18°, 59%, 71%
XYZ	25.5838, 20.8471, 9.3321
YIQ	125.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

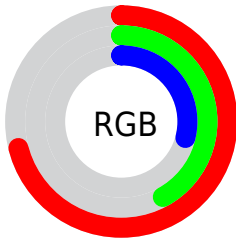
Format	Color
RYB	181, 121, 75
Decimal	11889483
CIELab	52.78, 26.36, 30.41
CIElCh	53, 40.244, 49.079
Yxy	20.8471, 0.4588, 0.3739
Android (android.graphics.Color)	4290079563 (0xFFB56B4B)
YUV	125.4780, -24.8857, 48.6928
Hunter-Lab	45.6586, 20.1159, 19.8428

Details

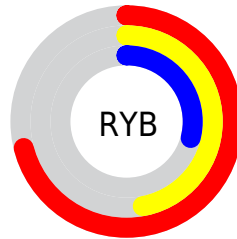
The XYZ color **25.5838, 20.8471, 9.3321** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.9891, 26.3259, 47.6385**, and the grayscale version is **19.7233, 20.7505, 22.5973**.

A 20% lighter version of the original color is **51.9714, 44.7768, 24.9724**, and **10.0596, 7.4049, 2.1274** is the 20% darker color. If you saturate the color by 10%, you get **23.8278, 18.1895, 6.1130**, and if you desaturate by 10%, it is **27.7096, 23.9624, 13.5442**.

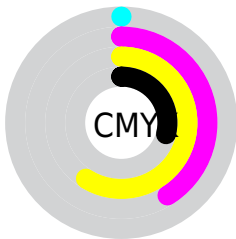
Distribution



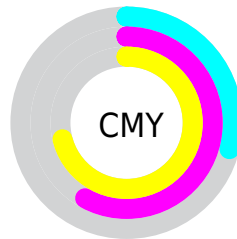
- Red (71%)
- Green (42%)
- Blue (29%)



- Red (71%)
- Yellow (47%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5838, 20.8471, 9.3321 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 25.5838, 20.8471, 9.3321 by changing the saturation by 10% instead.


 25.5838, 20.8471,
9.3321


 25.5838, 20.8471,
9.3321


273.0273,
256.4648, 196.1448


 16.6436, 13.0123,
4.8587


 52.0388, 44.8329,
25.1193


 10.0744, 7.4370,
2.1073


 70.2844, 61.7527,
37.2702

 5.5110, 3.7369,
0.6201

 92.3624, 82.4696,
52.8172

 2.5879, 1.5275,
0.0000

 118.6383,
107.3681, 72.1790

 0.9398, 0.3080,
0.0000

 149.4774,
136.8324, 95.7742

 0.0000, 0.0000,
0.0000

185.2450,

171.2470, 124.0211

226.3065,
210.9964, 157.3385

■ 25.5838, 20.8471,
9.3321

■ 25.5838, 20.8471,
9.3321

■ 23.8278, 18.1895,
6.1130

■ 27.7096, 23.9624,
13.5442

■ 22.4163, 15.9635,
3.8020

■ 30.2250, 27.5532,
18.8223

■ 21.3229, 14.1453,
2.3015

■ 33.1503, 31.6402,
25.2340

■ 20.5071, 12.7030,
1.4458

■ 36.5035, 36.2419,
32.8406

■ 20.4056, 12.5228,
1.3417

■ 40.3019, 41.3759,
41.6992

■ 44.5616, 47.0588,
51.8632

■ 49.2977, 53.3065,
63.3827

■ 54.5249, 60.1343,
76.3055

■ 60.2571, 67.5569,
90.6768

Harmonies

Analogous

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



28.4605, 20.8471, 15.9520



25.5838, 20.8471, 9.3321



21.3829, 20.8471, 6.7292

Triad

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



25.5838, 20.8471, 9.3321



12.9007, 20.8471, 18.5963



22.5709, 20.8471, 52.2920

Complementary

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



25.5838, 20.8471, 9.3321



21.9891, 26.3259, 47.6385

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.



18.3248, 20.8471, 53.7904



25.5838, 20.8471, 9.3321



13.1252, 20.8471, 31.1217

Square

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



25.5838, 20.8471, 9.3321



14.3214, 20.8471, 10.6774



14.9852, 20.8471, 45.0211



26.5585, 20.8471, 41.4499

Rectangle

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



25.5838, 20.8471, 9.3321



18.5683, 20.8471, 6.6721



14.9852, 20.8471, 45.0211



21.1153, 20.8471, 54.0200

Sweetspot

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



25.5843, 20.8482, 9.3325



65.5452, 65.1373, 59.2037



27.0131, 17.0324, 30.3816



13.7751, 13.5445, 11.8979



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.



25.5843, 20.8482, 9.3325



41.9584, 31.4650, 9.7193



32.8623, 35.4042, 11.7585



8.6986, 8.9098, 8.9138



14.1215, 8.7415, 0.9430



0.4969, 0.3802, 0.0472

Inverse Universe

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



21.9891, 26.3259, 47.6385



34.8437, 41.9968, 84.5643



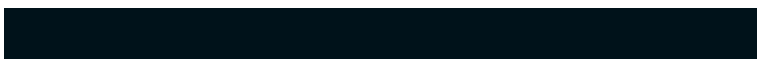
15.4435, 13.2346, 45.4566



8.5218, 9.1897, 10.8310



10.9872, 12.7748, 32.0237



0.3940, 0.4986, 1.0237

Previews

White Background



This preview shows how the XYZ color 25.5838, 20.8471, 9.3321 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 25.5838, 20.8471, 9.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

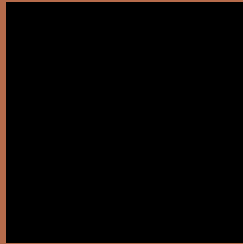
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5838, 20.8471, 9.3321

Background



This preview shows how black text looks on a background with the XYZ color 25.5838, 20.8471, 9.3321.



This preview shows how white text looks on a background with the XYZ color 25.5838, 20.8471,

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

25.5838, 20.8471, 9.3321

Protanopia

19.3004, 20.8493, 10.9897

Deuteranopia

21.3335, 21.0126, 9.0623



Tritanopia

27.1932, 20.8936, 17.3515

Trichromacy



Original Color

25.5838, 20.8471, 9.3321

Protanomaly

21.1450, 20.5305, 10.2455

Deuteranomaly

22.7578, 20.8643, 9.1311

Tritanomaly

26.3994, 20.7088, 13.9151

Monochromacy



Original Color

25.5838, 20.8471, 9.3321

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8093, 20.0381, 16.6809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5838, 20.8471, 9.3321 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, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 75)  
}
```

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, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.5838, 20.8471, 9.3321 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, 107, 75) }
```


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

```
.border{ border-color:rgb(181, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5838, 20.8471, 9.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 75) }
```

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

```
.background{ background-color: rgb(181,  
107, 75) }
```

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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