

Converting Colors

XYZ(25.5365, 20.7346, 8.1864)

Have a look what the booklet for
XYZ(25.5365, 20.7346, 8.1864)
contains.

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Color

**XYZ(25.4888, 20.6705,
8.1152)**

Conversions

Conversions Part 1

Format	Color
Hex	B66A44
RGB	182, 106, 68
RGB Percent	71%, 42%, 27%
CMY	0.2863, 0.5843, 0.7333
CMYK	0.00, 0.42, 0.63, 0.29
HSL	20°, 46%, 49%
HSV	20°, 63%, 71%
XYZ	25.4888, 20.6705, 8.1152
YIQ	124.3920, 57.4940, 4.2940

Conversions

Conversions Part 2

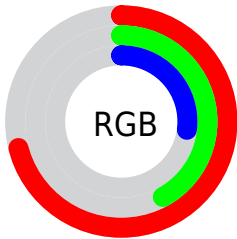
Format	Color
RYB	182, 125, 68
Decimal	11954756
CIELab	52.59, 26.80, 34.09
CIELCh	53, 43.360, 51.824
Yxy	20.6705, 0.4696, 0.3809
Android (android.graphics.Color)	4290144836 (0xFFB66A44)
YUV	124.3920, -27.8013, 50.5222
Hunter-Lab	45.4648, 20.5085, 21.2425

Details

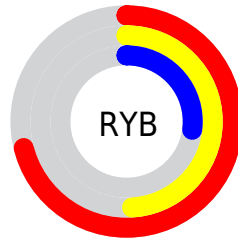
The XYZ color **25.4888, 20.6705, 8.1152** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.7999, 24.5514, 47.8983**, and the grayscale version is **19.3662, 20.3747, 22.1881**.

A 20% lighter version of the original color is **51.7134, 44.4388, 22.6816**, and **10.0654, 7.3442, 1.6461** is the 20% darker color. If you saturate the color by 10%, you get **23.8541, 18.1564, 5.2424**, and if you desaturate by 10%, it is **27.4738, 23.6095, 11.9557**.

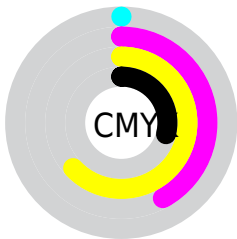
Distribution



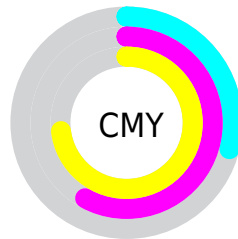
- Red (71%)
- Green (42%)
- Blue (27%)



- Red (71%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4888, 20.6705, 8.1152 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 25.4888, 20.6705, 8.1152 by changing the saturation by 10% instead.

■ 25.4888, 20.6705,
8.1152

■ 25.4888, 20.6705,
8.1152

272.5665,
255.5222, 186.6010

■ 16.5723, 12.8834,
4.0799

■ 51.8863, 44.5385,
22.7339

■ 10.0234, 7.3483,
1.6693

■ 70.0980, 61.3882,
34.1543

■ 5.4769, 3.6809,
0.3396

■ 92.1388, 82.0275,
48.8736

■ 2.5673, 1.4967,
0.0000

■ 118.3740,
106.8408, 67.3102

■ 0.9293, 0.2864,
0.0000

■ 149.1690,
136.2125, 89.8827

■ 0.0000, 0.0000,
0.0000

184.8892,

170.5271, 117.0097

225.8999,
210.1688, 149.1096

■ 25.4888, 20.6705,
8.1152

■ 25.4888, 20.6705,
8.1152

■ 23.8541, 18.1564,
5.2424

■ 27.4738, 23.6095,
11.9557

■ 22.5444, 16.0427,
3.2466

■ 29.8290, 26.9900,
16.8411

■ 21.5322, 14.3065,
2.0210

■ 32.5745, 30.8312,
22.8423

■ 20.9427, 13.2478,
1.4533

■ 35.7284, 35.1505,
30.0233

■ 39.3073, 39.9642,
38.4434

■ 43.3272, 45.2876,
48.1577

■ 47.8032, 51.1357,
59.2182

■ 52.7493, 57.5225,
71.6740

■ 58.1793, 64.4617,
85.5714

Harmonies

Analogous

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



28.8141, 20.6705, 14.5004



25.4888, 20.6705, 8.1152



20.9019, 20.6705, 5.8189

Triad

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



25.4888, 20.6705, 8.1152



12.2720, 20.6705, 19.1661



23.0388, 20.6705, 54.2011

Complementary

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



25.4888, 20.6705, 8.1152



20.7999, 24.5514, 47.8983

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.



18.4427, 20.6705, 56.9832



25.4888, 20.6705, 8.1152



12.6647, 20.6705, 33.0221

Square

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



25.4888, 20.6705, 8.1152



13.6044, 20.6705, 10.4104



14.7733, 20.6705, 48.1181



27.2561, 20.6705, 41.5389

Rectangle

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



25.4888, 20.6705, 8.1152



17.9281, 20.6705, 5.9307



14.7733, 20.6705, 48.1181



21.4718, 20.6705, 56.4763

Sweetspot

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



25.4893, 20.6716, 8.1156



66.8399, 66.5206, 59.2393



26.3925, 16.0930, 28.1008



14.3690, 14.1598, 12.1663



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.



25.4893, 20.6716, 8.1156



42.3193, 31.4436, 8.0156



33.4318, 36.5567, 10.7631



9.2427, 9.4884, 9.4512



14.8450, 9.4663, 1.0448



0.5818, 0.4506, 0.0563

Inverse Universe

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



20.7999, 24.5514, 47.8983



33.0202, 38.8449, 85.9932



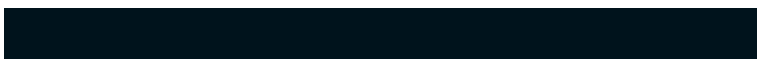
14.2357, 11.4229, 45.7102



9.0076, 9.6925, 11.4755



10.8822, 12.2241, 33.0390



0.4380, 0.5397, 1.1828

Previews

White Background



This preview shows how the XYZ color 25.4888, 20.6705, 8.1152 looks on a white background.

Color Contrast Check

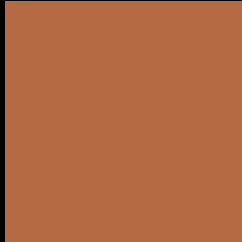
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4888, 20.6705, 8.1152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

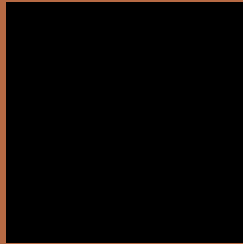
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4888, 20.6705, 8.1152

Background



This preview shows how black text looks on a background with the XYZ color 25.4888, 20.6705, 8.1152.



This preview shows how white text looks on a background with the XYZ color 25.4888, 20.6705,

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

25.4888, 20.6705, 8.1152

Protanopia

19.2121, 20.8330, 9.6652

Deuteranopia

21.1882, 20.7832, 7.8958



Tritanopia

27.3680, 20.7044, 16.7412

Trichromacy



Original Color

25.4888, 20.6705, 8.1152

Protanomaly

21.0930, 20.5316, 8.9822

Deuteranomaly

22.6312, 20.6541, 7.9481

Tritanomaly

26.5932, 20.6812, 12.9462

Monochromacy



Original Color

25.4888, 20.6705, 8.1152

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5370, 19.7418, 15.8248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4888, 20.6705, 8.1152 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, 106, 68)` looks like.

```
.text, #text, p{  
    color:rgb(182, 106, 68)  
}
```

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, 106, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 106, 68) }
```

Border

The CSS property to change the border of an element to XYZ 25.4888, 20.6705, 8.1152 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, 106, 68) }
```


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

```
.border{ border-color:rgb(182, 106, 68) }
```

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

Here you see how a box with a 4 pixel rgb(182, 106, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 106, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 106, 68);  
box-shadow:4px 4px 4px 4px rgb(182, 106,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4888, 20.6705, 8.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 106, 68) }
```

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

```
.background{ background-color: rgb(182,  
106, 68) }
```

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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