

Converting Colors

XYZ(26.3581, 21.5994, 9.1112)

Have a look what the booklet for
XYZ(26.3581, 21.5994, 9.1112)
contains.

XYZ(26.4384, 21.6087, 9.0808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4384, 21.6087,
9.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	B86D49
RGB	184, 109, 73
RGB Percent	72%, 43%, 29%
CMY	0.2784, 0.5725, 0.7137
CMYK	0.00, 0.41, 0.60, 0.28
HSL	19°, 44%, 50%
HSV	19°, 60%, 72%
XYZ	26.4384, 21.6087, 9.0808
YIQ	127.3210, 56.2560, 4.7040

Conversions

Conversions Part 2

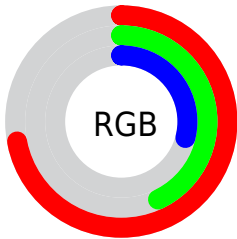
Format	Color
RYB	184, 126, 73
Decimal	12086601
CIELab	53.61, 26.35, 32.63
CIELCh	54, 41.944, 51.083
Yxy	21.6087, 0.4628, 0.3783
Android (android.graphics.Color)	4290276681 (0xFFB86D49)
YUV	127.3210, -26.7803, 49.7075
Hunter-Lab	46.4852, 20.1727, 20.9574

Details

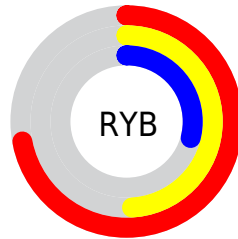
The XYZ color **26.4384, 21.6087, 9.0808** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.9886, 26.0555, 49.2174**, and the grayscale version is **20.3596, 21.4198, 23.3262**.

A 20% lighter version of the original color is **53.2199, 45.9496, 24.4765**, and **10.5661, 7.8229, 1.9900** is the 20% darker color. If you saturate the color by 10%, you get **24.6825, 18.9332, 5.9181**, and if you desaturate by 10%, it is **28.5634, 24.7338, 13.2572**.

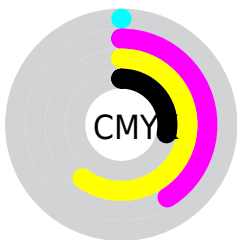
Distribution



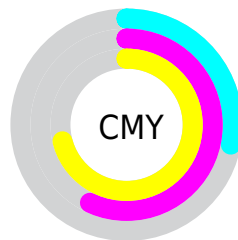
- Red (72%)
- Green (43%)
- Blue (29%)



- Red (72%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (28%)





- Cyan (28%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4384, 21.6087, 9.0808 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 26.4384, 21.6087, 9.0808 by changing the saturation by 10% instead.


 26.4384, 21.6087,
9.0808


 26.4384, 21.6087,
9.0808


277.1450,
260.4959, 194.2197


 17.2863, 13.5697,
4.6964


 53.4076, 46.0984,
24.6318


 10.5354, 7.8220,
2.0146


 71.9555, 63.3179,
36.6354


 5.8203, 3.9812,
0.5643

 94.3659, 84.3663,
52.0159

 2.7758, 1.6631,
0.0000

 121.0044,
109.6280, 71.1918

 1.0363, 0.3996,
0.0000

 152.2361,
139.4874, 94.5816

 0.0000, 0.0000,
0.0000

188.4266,

174.3289, 122.6038

229.9411,
214.5370, 155.6770

■ 26.4384, 21.6087,
9.0808

■ 26.4384, 21.6087,
9.0808

■ 24.6825, 18.9332,
5.9181

■ 28.5634, 24.7338,
13.2572

■ 23.2699, 16.6817,
3.6787

■ 31.0777, 28.3257,
18.5246

■ 22.1733, 14.8307,
2.2577

■ 34.0018, 32.4046,
24.9542

■ 21.3664, 13.3889,
1.4582

■ 37.3543, 36.9886,
32.6107

■ 41.1525, 42.0946,
41.5539

■ 45.4126, 47.7389,
51.8400

■ 50.1501, 53.9371,
63.5214

■ 55.3797, 60.7038,
76.6480

■ 61.1155, 68.0535,
91.2671

Harmonies

Analogous

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



29.6692, 21.6087, 15.7232



26.4384, 21.6087, 9.0808



21.9026, 21.6087, 6.6037

Triad

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



26.4384, 21.6087, 9.0808



13.1501, 21.6087, 19.9080



23.7953, 21.6087, 54.8667

Complementary

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



26.4384, 21.6087, 9.0808



21.9886, 26.0555, 49.2174

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.



19.2321, 21.6087, 57.2809



26.4384, 21.6087, 9.0808



13.5043, 21.6087, 33.5644

Square

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



26.4384, 21.6087, 9.0808



14.5391, 21.6087, 11.1850



15.5888, 21.6087, 48.4138



27.9956, 21.6087, 42.6757

Rectangle

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



26.4384, 21.6087, 9.0808



18.9267, 21.6087, 6.6734



15.5888, 21.6087, 48.4138



22.2391, 21.6087, 56.9883

Sweetspot

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



26.4389, 21.6098, 9.0812



69.0428, 68.8484, 62.2059



27.5625, 17.1207, 30.2230



14.4771, 14.2910, 12.4639



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.



26.4389, 21.6098, 9.0812



43.9450, 33.0694, 9.3953



34.1825, 37.0971, 11.6624



9.2361, 9.4752, 9.4490



14.7835, 9.3435, 1.0243



0.5790, 0.4451, 0.0554

Inverse Universe

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



21.9886, 26.0555, 49.2174



35.0886, 41.6353, 88.3917



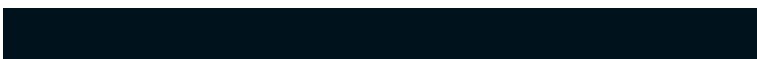
15.3447, 12.7677, 47.0028



9.0145, 9.7062, 11.4778



11.0239, 12.5075, 33.0862



0.4423, 0.5482, 1.1842

Previews

White Background



This preview shows how the XYZ color 26.4384, 21.6087, 9.0808 looks on a white background.

Color Contrast Check

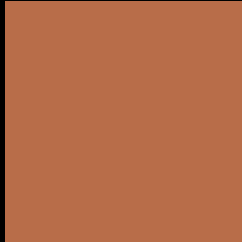
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4384, 21.6087, 9.0808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

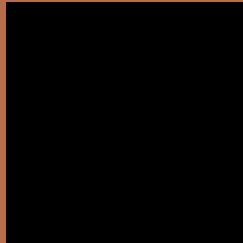
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4384, 21.6087, 9.0808

Background



This preview shows how black text looks on a background with the XYZ color 26.4384, 21.6087, 9.0808.



This preview shows how white text looks on a background with the XYZ color 26.4384, 21.6087,

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

26.4384, 21.6087, 9.0808

Protanopia

20.1134, 21.8551, 10.7478

Deuteranopia

22.0931, 21.7762, 8.8331



Tritanopia

28.3685, 21.6353, 18.0101

Trichromacy



Original Color

26.4384, 21.6087, 9.0808

Protanomaly

22.0094, 21.5228, 10.0155

Deuteranomaly

23.5521, 21.6273, 8.8944

Tritanomaly

27.6083, 21.6290, 14.2750

Monochromacy



Original Color

26.4384, 21.6087, 9.0808

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.5831, 20.7904, 16.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4384, 21.6087, 9.0808 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(184, 109, 73)` looks like.

```
.text, #text, p{  
    color:rgb(184, 109, 73)  
}
```

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(184, 109, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 109, 73) }
```

Border

The CSS property to change the border of an element to XYZ 26.4384, 21.6087, 9.0808 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(184, 109, 73) }
```


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

```
.border{ border-color:rgb(184, 109, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 109, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 109, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 109, 73);  
box-shadow:4px 4px 4px 4px rgb(184, 109,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4384, 21.6087, 9.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 109, 73) }
```

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

```
.background{ background-color: rgb(184,  
109, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor