

Converting Colors

XYZ(27.4785, 23.3232, 8.2078)

Have a look what the booklet for
XYZ(27.4785, 23.3232, 8.2078)
contains.

XYZ(27.4785, 23.3232, 8.2078)	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(27.4785, 23.3232,
8.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7442
RGB	186, 116, 66
RGB Percent	73%, 45%, 26%
CMY	0.2706, 0.5451, 0.7412
CMYK	0.00, 0.38, 0.65, 0.27
HSL	25°, 48%, 49%
HSV	25°, 65%, 73%
XYZ	27.4785, 23.3232, 8.2078
YIQ	131.2300, 57.7700, -0.7100

Conversions

Conversions Part 2

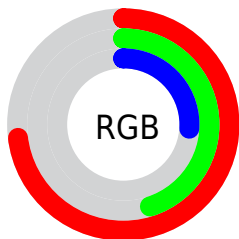
Format	Color
R_{YB}	186, 152, 66
Decimal	12219458
CIE Lab	55.40, 22.84, 38.62
CIE LCh	55, 44.871, 59.403
Yxy	23.3232, 0.4657, 0.3952
Android (android.graphics.Color)	4290409538 (0xFFBA7442)
YUV	131.2300, -32.1584, 48.0333
Hunter-Lab	48.2941, 17.0487, 23.7293

Details

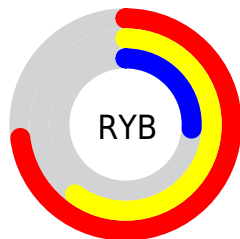
The XYZ color **27.4785, 23.3232, 8.2078** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.9134, 22.3107, 49.7111**, and the grayscale version is **21.7531, 22.8860, 24.9229**.

A 20% lighter version of the original color is **55.1611, 48.8590, 23.0464**, and **11.0268, 8.6505, 1.7046** is the 20% darker color. If you saturate the color by 10%, you get **25.8383, 20.7825, 5.3816**, and if you desaturate by 10%, it is **29.4441, 26.2298, 12.0225**.

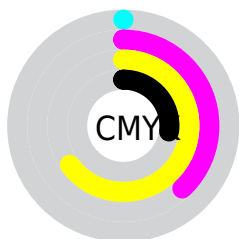
Distribution



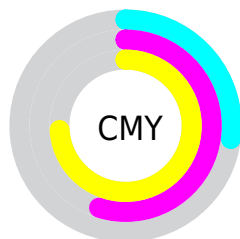
- Red (73%)
- Green (45%)
- Blue (26%)



- Red (73%)
- Yellow (60%)
- Blue (26%)



- Cyan (0%)
- Magenta (38%)
- Yellow (65%)
- Black (27%)





- Cyan (27%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4785, 23.3232, 8.2078 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 27.4785, 23.3232, 8.2078 by changing the saturation by 10% instead.


 27.4785, 23.3232,
8.2078


 27.4785, 23.3232,
8.2078


282.0920,
269.3807, 187.3480


 18.0714, 14.8323,
4.1385


 55.0652, 48.9235,
22.9177

 11.1012, 8.7018,
1.7016


 73.9756, 66.8017,
34.3954


 6.2028, 4.5472,
0.3619


 96.7843, 88.5778,
49.1796

 3.0106, 1.9841,
0.0000

 123.8568,
114.6362, 67.6889

 1.1594, 0.5982,
0.0000

 155.5585,
145.3613, 90.3419

 0.0739, 0.0000,
0.0000

192.2547,

 0.0000, 0.0000,

181.1375, 117.5570

0.0000

234.3108,
222.3492, 149.7529

■ 27.4785, 23.3232,
8.2078

■ 27.4785, 23.3232,
8.2078

■ 25.8383, 20.7825,
5.3816

■ 29.4441, 26.2298,
12.0225

■ 24.4990, 18.5868,
3.4459

■ 31.7540, 29.5145,
16.9083

■ 23.4339, 16.7181,
2.2848

■ 34.4271, 33.1930,
22.9403

■ 22.9391, 15.8180,
1.8442

■ 37.4804, 37.2793,
30.1866

■ 40.9297, 41.7862,
38.7098

■ 44.7900, 46.7263,
48.5683

■ 49.0751, 52.1113,
59.8167

■ 53.7985, 57.9525,
72.5067

■ 58.9729, 64.2609,
86.6871

Harmonies

Analogous

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



31.7332, 23.3232, 14.0564



27.4785, 23.3232, 8.2078



22.2693, 23.3232, 6.5189

Triad

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



27.4785, 23.3232, 8.2078



13.8175, 23.3232, 25.1065



27.2769, 23.3232, 58.0810

Complementary

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



27.4785, 23.3232, 8.2078



19.9134, 22.3107, 49.7111

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.



22.0671, 23.3232, 64.5109



27.4785, 23.3232, 8.2078



14.7485, 23.3232, 41.6124

Square

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



27.4785, 23.3232, 8.2078



14.8257, 23.3232, 13.7210



17.5900, 23.3232, 57.5798



31.6050, 23.3232, 42.3134

Rectangle

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



27.4785, 23.3232, 8.2078



19.1005, 23.3232, 7.1761



17.5900, 23.3232, 57.5798



25.5475, 23.3232, 61.6219

Sweetspot

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



27.4790, 23.3244, 8.2082



71.0960, 71.7232, 62.4542



26.6419, 16.1133, 24.9987



15.2662, 15.2832, 12.7935



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4790, 23.3244, 8.2082



45.8595, 36.1017, 8.2565



36.7584, 41.8831, 11.3014



9.3038, 9.6106, 9.4716



15.5032, 10.7828, 1.2642



0.6080, 0.5030, 0.0651

Inverse Universe

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



19.9134, 22.3107, 49.7111



31.0487, 33.9964, 89.1269



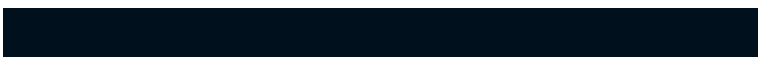
13.6943, 9.8725, 47.6381



8.9445, 9.5663, 11.4545



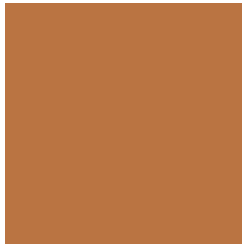
9.6809, 9.8215, 32.6386



0.4009, 0.4655, 1.1705

Previews

White Background



This preview shows how the XYZ color 27.4785, 23.3232, 8.2078 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 27.4785, 23.3232, 8.2078 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 27.4785, 23.3232, 8.2078

Background



This preview shows how black text looks on a background with the XYZ color 27.4785, 23.3232, 8.2078.



This preview shows how white text looks on a background with the XYZ color 27.4785, 23.3232,

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

27.4785, 23.3232, 8.2078

Protanopia

21.5898, 23.4460, 9.5185

Deuteranopia

23.7964, 23.4301, 7.9709



Tritanopia

29.8322, 23.2787, 20.0604

Trichromacy



Original Color

27.4785, 23.3232, 8.2078

Protanomaly

23.3928, 23.1980, 9.0391

Deuteranomaly

25.0216, 23.3067, 8.0304

Tritanomaly

28.7853, 23.1806, 14.7615

Monochromacy



Original Color

27.4785, 23.3232, 8.2078

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8772, 22.5626, 17.0592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4785, 23.3232, 8.2078 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(186, 116, 66)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 66)  
}
```

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(186, 116, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 66) }
```

Border

The CSS property to change the border of an element to XYZ 27.4785, 23.3232, 8.2078 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(186, 116, 66) }
```


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

```
.border{ border-color:rgb(186, 116, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 116, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 66);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4785, 23.3232, 8.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 66) }
```

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

```
.background{ background-color: rgb(186,  
116, 66) }
```

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