

Converting Colors

XYZ(26.3262, 22.7516, 7.1416)

Have a look what the booklet for
XYZ(26.3262, 22.7516, 7.1416)
contains.

XYZ(26.3262, 22.7516, 7.1416)	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(26.3262, 22.7516,
7.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	B6743B
RGB	182, 116, 59
RGB Percent	71%, 45%, 23%
CMY	0.2863, 0.5451, 0.7686
CMYK	0.00, 0.36, 0.68, 0.29
HSL	28°, 51%, 47%
HSV	28°, 68%, 71%
XYZ	26.3262, 22.7516, 7.1416
YIQ	129.2360, 57.6330, -3.7350

Conversions

Conversions Part 2

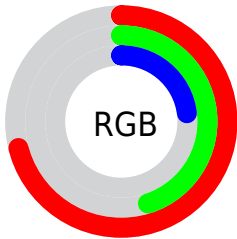
Format	Color
R_{YB}	182, 165, 59
Decimal	11957307
CIE _{Lab}	54.82, 20.69, 41.44
CIE _{LCh}	55, 46.316, 63.471
Yxy	22.7516, 0.4683, 0.4047
Android (android.graphics.Color)	4290147387 (0xFFB6743B)
YUV	129.2360, -34.6263, 46.2740
Hunter-Lab	47.6986, 15.0465, 24.5119

Details

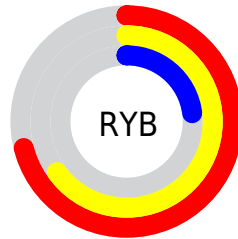
The XYZ color **26.3262, 22.7516, 7.1416** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.5803, 18.9734, 46.9914**, and the grayscale version is **21.0531, 22.1495, 24.1208**.

A 20% lighter version of the original color is **52.9850, 47.7887, 20.6189**, and **10.5139, 8.3940, 1.3245** is the 20% darker color. If you saturate the color by 10%, you get **24.8669, 20.4613, 4.7185**, and if you desaturate by 10%, it is **28.0695, 25.3467, 10.4715**.

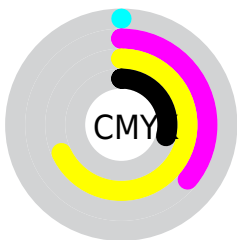
Distribution



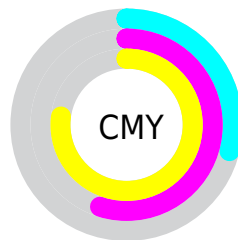
- Red (71%)
- Green (45%)
- Blue (23%)



- Red (71%)
- Yellow (65%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3262, 22.7516, 7.1416 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 26.3262, 22.7516, 7.1416 by changing the saturation by 10% instead.

 26.3262, 22.7516,
7.1416


 26.3262, 22.7516,
7.1416


276.6071,
266.4466, 178.5105


 17.2018, 14.4102,
3.4710


 53.2283, 47.9851,
20.7752

 10.4747, 8.4065,
1.3399


 71.7367, 65.6461,
31.5753


 5.7795, 4.3562,
0.0941

 94.1037, 87.1823,
45.5891

 2.7508, 1.8747,
0.0000

 120.6949,
112.9782, 63.2349

 1.0234, 0.5331,
0.0000

 151.8754,
143.4182, 84.9314

 0.0000, 0.0000,
0.0000

 188.0108,

178.8866, 111.0972

229.4662,
219.7680, 142.1507

■ 26.3262, 22.7516,
7.1416

■ 26.3262, 22.7516,
7.1416

■ 24.8669, 20.4613,
4.7185

■ 28.0695, 25.3467,
10.4715

■ 23.6683, 18.4579,
3.1051

■ 30.1140, 28.2563,
14.7892

■ 22.7001, 16.7241,
2.1580

■ 32.4773, 31.4937,
20.1680

■ 22.4887, 16.3398,
1.9686

■ 35.1749, 35.0701,
26.6739

■ 38.2211, 38.9964,
34.3673

■ 41.6294, 43.2826,
43.3044

■ 45.4126, 47.9385,
53.5378

■ 49.5826, 52.9734,
65.1171

■ 54.1509, 58.3962,
78.0890

Harmonies

Analogous

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



30.9192, 22.7516, 12.2506



26.3262, 22.7516, 7.1416



21.0343, 22.7516, 5.9429

Triad

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



26.3262, 22.7516, 7.1416



13.2121, 22.7516, 26.5187



27.5206, 22.7516, 56.5156

Complementary

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



26.3262, 22.7516, 7.1416



17.5803, 18.9734, 46.9914

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.



22.2261, 22.7516, 64.9124



26.3262, 22.7516, 7.1416



14.4089, 22.7516, 43.8001

Square

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



26.3262, 22.7516, 7.1416



13.9590, 22.7516, 14.1936



17.5192, 22.7516, 59.5250



31.6817, 22.7516, 39.6187

Rectangle

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



26.3262, 22.7516, 7.1416



17.9363, 22.7516, 6.8676



17.5192, 22.7516, 59.5250



25.7869, 22.7516, 60.6732

Sweetspot

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



26.3267, 22.7528, 7.1420



67.7078, 68.6737, 58.2417



24.6634, 14.5963, 21.4769



14.6093, 14.7239, 11.9890



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.



26.3267, 22.7528, 7.1420



43.9866, 35.2936, 6.9825



35.5766, 41.2525, 10.2253



9.3384, 9.6798, 9.4831



15.9466, 11.6695, 1.4120



0.6242, 0.5354, 0.0704

Inverse Universe

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



17.5803, 18.9734, 46.9914



27.0023, 27.9015, 84.1981



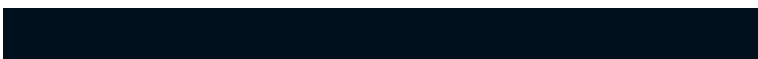
12.1462, 8.1052, 45.1800



8.9094, 9.4960, 11.4428



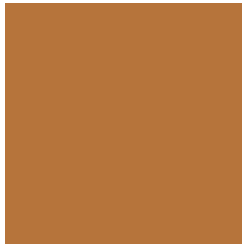
9.0913, 8.6423, 32.4420



0.3817, 0.4271, 1.1641

Previews

White Background



This preview shows how the XYZ color 26.3262, 22.7516, 7.1416 looks on a white background.

Color Contrast Check

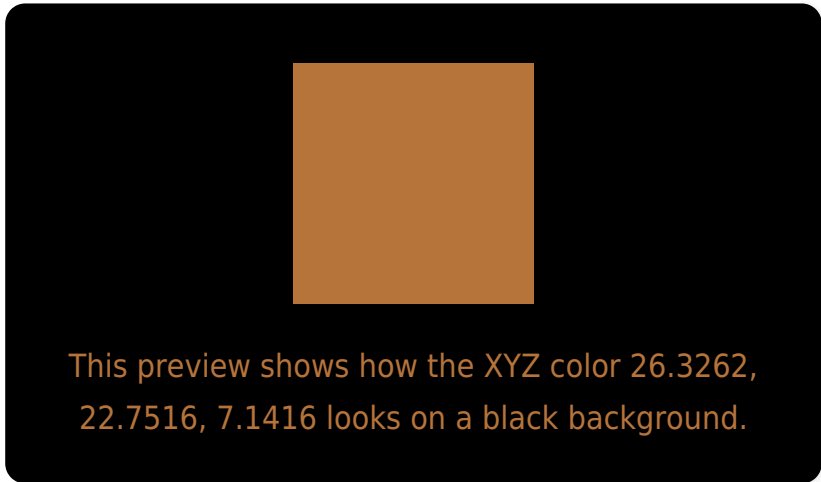
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

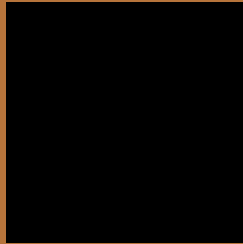
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3262, 22.7516, 7.1416

Background



This preview shows how black text looks on a background with the XYZ color 26.3262, 22.7516, 7.1416.



This preview shows how white text looks on a background with the XYZ color 26.3262, 22.7516,

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

26.3262, 22.7516, 7.1416

Protanopia

21.0307, 22.9837, 8.1783

Deuteranopia

23.1764, 22.7492, 7.0404



Tritanopia

28.9884, 22.6844, 19.9902

Trichromacy



Original Color

26.3262, 22.7516, 7.1416

Protanomaly

22.6284, 22.6404, 7.7348

Deuteranomaly

24.3008, 22.7706, 7.1174

Tritanomaly

27.9594, 22.7657, 14.2299

Monochromacy



Original Color

26.3262, 22.7516, 7.1416

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9191, 21.7107, 16.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3262, 22.7516, 7.1416 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, 116, 59)` looks like.

```
.text, #text, p{  
    color:rgb(182, 116, 59)  
}
```

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, 116, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 116, 59) }
```

Border

The CSS property to change the border of an element to XYZ 26.3262, 22.7516, 7.1416 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, 116, 59) }
```


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

```
.border{ border-color:rgb(182, 116, 59) }
```

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

Here you see how a box with a 4 pixel rgb(182, 116, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 116, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 116, 59);  
box-shadow:4px 4px 4px 4px rgb(182, 116,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3262, 22.7516, 7.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 116, 59) }
```

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

```
.background{ background-color: rgb(182,  
116, 59) }
```

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