

Converting Colors

XYZ(27.6388, 22.4695, 9.5013)

Have a look what the booklet for
XYZ(27.6388, 22.4695, 9.5013)
contains.

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Color

**XYZ(27.6935, 22.5682,
9.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6F4B
RGB	188, 111, 75
RGB Percent	74%, 44%, 29%
CMY	0.2627, 0.5647, 0.7059
CMYK	0.00, 0.41, 0.60, 0.26
HSL	19°, 46%, 52%
HSV	19°, 60%, 74%
XYZ	27.6935, 22.5682, 9.5531
YIQ	129.9190, 57.4480, 5.1280

Conversions

Conversions Part 2

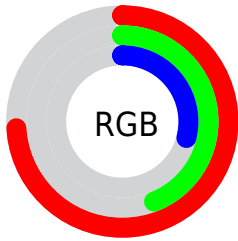
Format	Color
R_{YB}	188, 128, 75
Decimal	12349259
CIE _{Lab}	54.62, 27.06, 32.90
CIE _{LCh}	55, 42.594, 50.563
Yxy	22.5682, 0.4630, 0.3773
Android (android.graphics.Color)	4290539339 (0xFFBC6F4B)
YUV	129.9190, -27.0751, 50.9370
Hunter-Lab	47.5060, 20.9206, 21.3314

Details

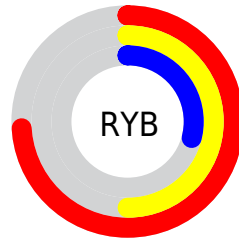
The XYZ color **27.6935, 22.5682, 9.5531** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.2064, 27.5819, 51.6776**, and the grayscale version is **21.2685, 22.3761, 24.3675**.

A 20% lighter version of the original color is **55.5103, 47.6315, 25.6701**, and **11.1503, 8.2798, 2.1729** is the 20% darker color. If you saturate the color by 10%, you get **25.8437, 19.7508, 6.2174**, and if you desaturate by 10%, it is **29.9350, 25.8649, 13.9576**.

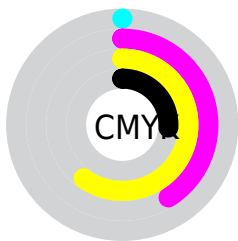
Distribution



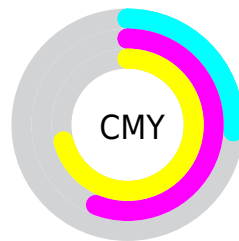
- Red (74%)
- Green (44%)
- Blue (29%)



- Red (74%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (26%)





- Cyan (26%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6935, 22.5682, 9.5531 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 27.6935, 22.5682, 9.5531 by changing the saturation by 10% instead.


 27.6935, 22.5682,
9.5531


 27.6935, 22.5682,
9.5531


283.1061,
265.4994, 197.8195


 18.2340, 14.2750,
5.0020


 55.4068, 47.6833,
25.5460

 11.2188, 8.3122,
2.1897


 74.3913, 65.2740,
37.8249


 6.2826, 4.2953,
0.6684


 97.2816, 86.7327,
53.5167

 3.0600, 1.8401,
0.0000

 124.4429,
112.4438, 73.0400

 1.1855, 0.5120,
0.0000

 156.2407,
142.7916, 96.8135

 0.0949, 0.0000,
0.0000

193.0402,

 0.0000, 0.0000,

178.1605, 125.2555

0.0000

235.2069,
218.9350, 158.7847

■ 27.6935, 22.5682,
9.5531

■ 27.6935, 22.5682,
9.5531

■ 25.8437, 19.7508,
6.2174

■ 29.9350, 25.8649,
13.9576

■ 24.3582, 17.3853,
3.8554

■ 32.5897, 29.6595,
19.5125

■ 23.2079, 15.4465,
2.3567

■ 35.6793, 33.9737,
26.2926

■ 22.3497, 13.9127,
1.5075

■ 39.2237, 38.8268,
34.3662

■ 43.2411, 44.2371,
43.7962

■ 47.7489, 50.2222,
54.6418

■ 52.7636, 56.7984,
66.9584

■ 58.3006, 63.9820,
80.7984

■ 64.3751, 71.7880,
96.2117

Harmonies

Analogous

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



31.0334, 22.5682, 16.5830



27.6935, 22.5682, 9.5531



22.9609, 22.5682, 6.9032

Triad

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



27.6935, 22.5682, 9.5531



13.7378, 22.5682, 20.5826



24.7709, 22.5682, 57.4876

Complementary

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



27.6935, 22.5682, 9.5531



23.2064, 27.5819, 51.6776

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.



20.0076, 22.5682, 59.7981



27.6935, 22.5682, 9.5531



14.0762, 22.5682, 34.7884

Square

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



27.6935, 22.5682, 9.5531



15.2208, 22.5682, 11.5625



16.2240, 22.5682, 50.3535



29.1829, 22.5682, 44.8631

Rectangle

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



27.6935, 22.5682, 9.5531



19.8418, 22.5682, 6.9410



16.2240, 22.5682, 50.3535



23.1436, 22.5682, 59.6392

Sweetspot

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



27.6940, 22.5694, 9.5535



72.3414, 72.0679, 65.1934



28.9404, 17.9978, 31.7476



15.1254, 14.9127, 13.0206



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.



27.6940, 22.5694, 9.5535



45.9426, 34.3927, 9.7733



35.8797, 38.9408, 12.2821



9.7716, 10.0193, 9.9955



15.2769, 9.5926, 1.0464



0.6589, 0.4968, 0.0612

Inverse Universe

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



23.2064, 27.5819, 51.6776



36.9934, 44.0698, 92.7828



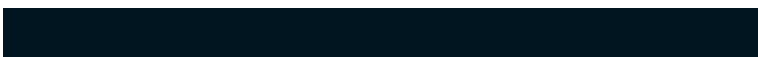
16.1360, 13.4410, 49.3208



9.5453, 10.2829, 12.1539



11.5139, 13.1394, 34.3222



0.5075, 0.6277, 1.3633

Previews

White Background



This preview shows how the XYZ color 27.6935, 22.5682, 9.5531 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 27.6935, 22.5682, 9.5531 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 27.6935, 22.5682, 9.5531

Background



This preview shows how black text looks on a background with the XYZ color 27.6935, 22.5682, 9.5531.



This preview shows how white text looks on a background with the XYZ color 27.6935, 22.5682,

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

27.6935, 22.5682, 9.5531

Protanopia

20.9670, 22.6814, 11.2555

Deuteranopia

23.0005, 22.6087, 9.2825



Tritanopia

29.6772, 22.5993, 18.7175

Trichromacy



Original Color

27.6935, 22.5682, 9.5531

Protanomaly

22.9170, 22.3507, 10.5034

Deuteranomaly

24.4966, 22.4600, 9.3474

Tritanomaly

28.8980, 22.5924, 14.8943

Monochromacy



Original Color

27.6935, 22.5682, 9.5531

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6599, 21.8710, 17.7791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6935, 22.5682, 9.5531 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(188, 111, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 111, 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(188, 111, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 111, 75) }
```

Border

The CSS property to change the border of an element to XYZ 27.6935, 22.5682, 9.5531 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(188, 111, 75) }
```


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

```
.border{ border-color:rgb(188, 111, 75) }
```

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

Here you see how a box with a 4 pixel rgb(188, 111, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 111, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 111, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 111,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6935, 22.5682, 9.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 111, 75) }
```

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

```
.background{ background-color: rgb(188,  
111, 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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