

Converting Colors

XYZ(22.6895, 18.1064, 5.6672)

Have a look what the booklet for
XYZ(22.6895, 18.1064, 5.6672)
contains.

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Color

**XYZ(22.6895, 18.1064,
5.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6235
RGB	175, 98, 53
RGB Percent	69%, 38%, 21%
CMY	0.3137, 0.6157, 0.7922
CMYK	0.00, 0.44, 0.70, 0.31
HSL	22°, 54%, 45%
HSV	22°, 70%, 69%
XYZ	22.6895, 18.1064, 5.6672
YIQ	115.8930, 60.3370, 2.3290

Conversions

Conversions Part 2

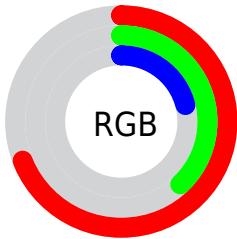
Format	Color
R_{YB}	175, 124, 53
Decimal	11493941
CIE _{Lab}	49.62, 27.30, 38.47
CIE _{LCh}	50, 47.177, 54.638
Yxy	18.1064, 0.4883, 0.3897
Android (android.graphics.Color)	4289684021 (0xFFAF6235)
YUV	115.8930, -31.0062, 51.8368
Hunter-Lab	42.5516, 20.7150, 21.8896

Details

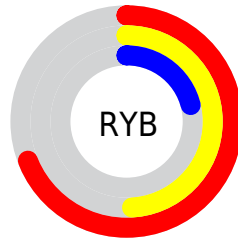
The XYZ color **22.6895, 18.1064, 5.6672** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.1881, 19.8161, 43.4762**, and the grayscale version is **16.6472, 17.5142, 19.0730**.

A 20% lighter version of the original color is **47.5163, 40.4144, 17.6083**, and **8.5041, 6.0741, 0.8678** is the 20% darker color. If you saturate the color by 10%, you get **21.3950, 16.0483, 3.5994**, and if you desaturate by 10%, it is **24.2744, 20.5104, 8.5572**.

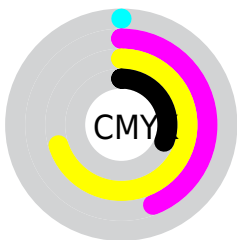
Distribution



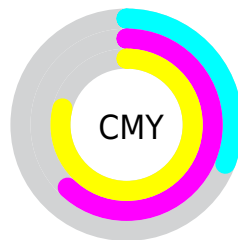
- Red (69%)
- Green (38%)
- Blue (21%)



- Red (69%)
- Yellow (49%)
- Blue (21%)



- Cyan (0%)
- Magenta (44%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (62%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6895, 18.1064, 5.6672 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 22.6895, 18.1064, 5.6672 by changing the saturation by 10% instead.

■ 22.6895, 18.1064,
5.6672

■ 22.6895, 18.1064,
5.6672

258.6914,
241.4701, 165.2647

■ 14.4838, 11.0264,
2.5783

■ 47.3534, 40.2185,
17.7017

■ 8.5419, 6.0846,
0.8812

■ 64.5423, 56.0195,
27.4844

■ 4.4983, 2.8966,
0.0000

■ 85.4564, 75.4962,
40.3354

■ 1.9877, 1.0780,
0.0000

■ 110.4610, 99.0331,
56.6734

■ 0.6271, 0.0000,
0.0000

■ 139.9214,
127.0145, 76.9167

■ 0.0000, 0.0000,
0.0000

■ 174.2031,

159.8249, 101.4840

213.6713,
197.8486, 130.7938

■ 22.6895, 18.1064,
5.6672

■ 22.6895, 18.1064,
5.6672

■ 21.3950, 16.0483,
3.5994

■ 24.2744, 20.5104,
8.5572

■ 20.3670, 14.3150,
2.2620

■ 26.1684, 23.2741,
12.3460

■ 19.5648, 12.8810,
1.4695

■ 28.3897, 26.4140,
17.1022

■ 19.5440, 12.8437,
1.4490

■ 30.9546, 29.9445,
22.8877

■ 33.8782, 33.8791,
29.7589

■ 37.1749, 38.2309,
37.7683

■ 40.8578, 43.0119,
46.9647

■ 44.9398, 48.2341,
57.3943

■ 49.4328, 53.9087,
69.1006

Harmonies

Analogous

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



26.2829, 18.1064, 11.1178



22.6895, 18.1064, 5.6672



18.0269, 18.1064, 3.9443

Triad

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



22.6895, 18.1064, 5.6672



9.9813, 18.1064, 17.4988



21.0546, 18.1064, 51.6987

Complementary

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



22.6895, 18.1064, 5.6672



17.1881, 19.8161, 43.4762

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.



16.4174, 18.1064, 55.8701



22.6895, 18.1064, 5.6672



10.5093, 18.1064, 31.8856

Square

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



22.6895, 18.1064, 5.6672



11.0993, 18.1064, 8.6096



12.6917, 18.1064, 47.4388



25.2301, 18.1064, 37.7079

Rectangle

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



22.6895, 18.1064, 5.6672



15.1241, 18.1064, 4.1860



12.6917, 18.1064, 47.4388



19.4785, 18.1064, 54.4948

Sweetspot

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



22.6899, 18.1074, 5.6675



59.7660, 59.4635, 51.1296



22.9995, 13.2791, 22.5641



12.9616, 12.7847, 10.6019



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.6899, 18.1074, 5.6675



37.2059, 26.8918, 4.9238



30.6740, 34.0755, 8.3289



8.2382, 8.4812, 8.4162



14.0507, 9.3069, 1.0559



0.4441, 0.3654, 0.0471

Inverse Universe

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



17.1881, 19.8161, 43.4762



26.5904, 29.9114, 77.0089



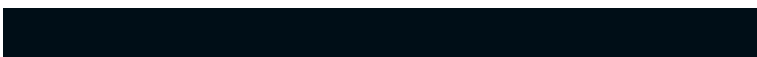
11.3507, 8.1413, 41.5304



7.9842, 8.5678, 10.1856



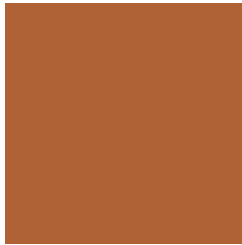
9.6291, 10.3920, 30.5429



0.3178, 0.3889, 0.8663

Previews

White Background



This preview shows how the XYZ color 22.6895, 18.1064, 5.6672 looks on a white 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

Black Background



This preview shows how the XYZ color 22.6895, 18.1064, 5.6672 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 22.6895, 18.1064, 5.6672

Background



This preview shows how black text looks on a background with the XYZ color 22.6895, 18.1064, 5.6672.



This preview shows how white text looks on a background with the XYZ color 22.6895, 18.1064,

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

22.6895, 18.1064, 5.6672

Protanopia

16.7463, 18.3347, 6.7940

Deuteranopia

18.4921, 18.2350, 5.4508



Tritanopia

24.5266, 18.1945, 14.0236

Trichromacy



Original Color

22.6895, 18.1064, 5.6672

Protanomaly

18.4556, 17.8673, 6.3469

Deuteranomaly

19.8429, 18.1235, 5.4700

Tritanomaly

23.7467, 18.1407, 10.2326

Monochromacy



Original Color

22.6895, 18.1064, 5.6672

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7610, 17.0460, 12.7100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6895, 18.1064, 5.6672 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(175, 98, 53)` looks like.

```
.text, #text, p{  
    color:rgb(175, 98, 53)  
}
```

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(175, 98, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 98, 53) }
```

Border

The CSS property to change the border of an element to XYZ 22.6895, 18.1064, 5.6672 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(175, 98, 53) }
```


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

```
.border{ border-color:rgb(175, 98, 53) }
```

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

Here you see how a box with a 4 pixel rgb(175, 98, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 98, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 98, 53);  
box-shadow:4px 4px 4px 4px rgb(175, 98,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6895, 18.1064, 5.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 98, 53) }
```

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

```
.background{ background-color: rgb(175, 98,  
53) }
```

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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