

Converting Colors

XYZ(25.5642, 22.3560, 6.1875)

Have a look what the booklet for
XYZ(25.5642, 22.3560, 6.1875)
contains.

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Color

**XYZ(25.6876, 22.4420,
6.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	B47434
RGB	180, 116, 52
RGB Percent	71%, 45%, 20%
CMY	0.2941, 0.5451, 0.7961
CMYK	0.00, 0.36, 0.71, 0.29
HSL	30°, 55%, 45%
HSV	30°, 71%, 71%
XYZ	25.6876, 22.4420, 6.2267
YIQ	127.8400, 58.6880, -6.3360

Conversions

Conversions Part 2

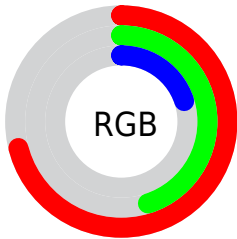
Format	Color
R _Y B	180, 180, 52
Decimal	11826228
CIE Lab	54.49, 19.42, 44.49
CIE LCh	54, 48.540, 66.415
Yxy	22.4420, 0.4726, 0.4129
Android (android.graphics.Color)	4290016308 (0xFFB47434)
YUV	127.8400, -37.3891, 45.7443
Hunter-Lab	47.3730, 13.8874, 25.3680

Details

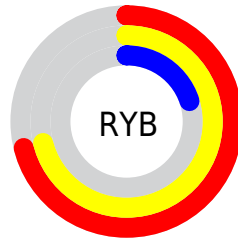
The XYZ color **25.6876, 22.4420, 6.2267** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.8994, 16.5153, 45.5295**, and the grayscale version is **20.5741, 21.6456, 23.5720**.

A 20% lighter version of the original color is **52.3361, 47.4898, 18.9784**, and **10.0932, 8.2718, 1.0647** is the 20% darker color. If you saturate the color by 10%, you get **24.3693, 20.3353, 4.1543**, and if you desaturate by 10%, it is **27.2620, 24.8138, 9.1474**.

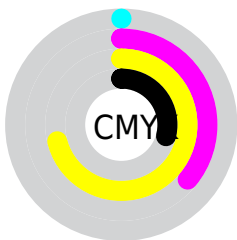
Distribution



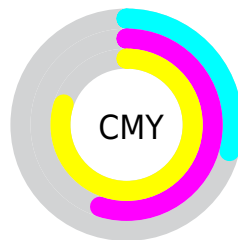
- Red (71%)
- Green (45%)
- Blue (20%)



- Red (71%)
- Yellow (71%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6876, 22.4420, 6.2267 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 25.6876, 22.4420, 6.2267 by changing the saturation by 10% instead.


 25.6876, 22.4420,
6.2267


 25.6876, 22.4420,
6.2267


273.5301,
264.8459, 170.4534


 16.7215, 14.1820,
2.9124


 52.2054, 47.4754,
18.8854


 10.1302, 8.2474,
1.0501


 70.4879, 65.0177,
29.0668

 5.5483, 4.2536,
0.0000

 92.6066, 86.4229,
42.3744

 2.6105, 1.8164,
0.0000

 118.9268,
112.0753, 59.2267

 0.9513, 0.4974,
0.0000

 149.8139,
142.3595, 80.0422

 0.0000, 0.0000,
0.0000

 185.6332,

177.6597, 105.2395

226.7502,
218.3603, 135.2370

■ 25.6876, 22.4420,
6.2267

■ 25.6876, 22.4420,
6.2267

■ 24.3693, 20.3353,
4.1543

■ 27.2620, 24.8138,
9.1474

■ 23.2841, 18.4772,
2.8296

■ 29.1094, 27.4591,
12.9989

■ 22.4789, 17.0165,
2.0998

■ 31.2468, 30.3898,
17.8551

■ 33.6891, 33.6158,
23.7823

■ 36.4501, 37.1467,
30.8408

■ 39.5425, 40.9913,
39.0865

■ 42.9785, 45.1581,
48.5716

■ 46.7695, 49.6553,
59.3450

■ 50.9262, 54.4906,
71.4531

Harmonies

Analogous

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



30.6599, 22.4420, 10.8506



25.6876, 22.4420, 6.2267



20.2085, 22.4420, 5.3610

Triad

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



25.6876, 22.4420, 6.2267



12.6992, 22.4420, 27.8548



27.9926, 22.4420, 56.3790

Complementary

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



25.6876, 22.4420, 6.2267



15.8994, 16.5153, 45.5295

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.



22.4931, 22.4420, 66.6031



25.6876, 22.4420, 6.2267



14.1162, 22.4420, 46.2612

Square

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



25.6876, 22.4420, 6.2267



13.2664, 22.4420, 14.4937



17.4962, 22.4420, 62.2857



32.1377, 22.4420, 38.1209

Rectangle

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



25.6876, 22.4420, 6.2267



17.0982, 22.4420, 6.4756



17.4962, 22.4420, 62.2857



26.2091, 22.4420, 61.1523

Sweetspot

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



25.6881, 22.4431, 6.2271



65.9601, 67.1888, 55.5763



23.2028, 13.4204, 17.8907



13.9513, 14.1356, 11.2202



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.6881, 22.4431, 6.2271



43.0855, 35.0172, 6.0931



35.7633, 42.5935, 9.5855



8.8357, 9.1839, 8.9595



15.7563, 12.0111, 1.4879



0.5541, 0.4946, 0.0663

Inverse Universe

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



15.8994, 16.5153, 45.5295



24.2856, 23.6325, 81.5761



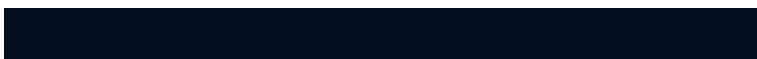
10.8825, 6.4816, 43.8572



8.3812, 8.9087, 10.7841



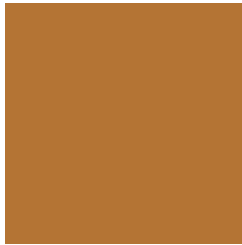
8.3684, 7.5372, 31.1508



0.3217, 0.3538, 0.9996

Previews

White Background



This preview shows how the XYZ color 25.6876, 22.4420, 6.2267 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 25.6876, 22.4420, 6.2267 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 25.6876, 22.4420, 6.2267

Background



This preview shows how black text looks on a background with the XYZ color 25.6876, 22.4420, 6.2267.



This preview shows how white text looks on a background with the XYZ color 25.6876, 22.4420,

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

25.6876, 22.4420, 6.2267

Protanopia

20.5072, 22.5379, 7.0108

Deuteranopia

22.8876, 22.4321, 6.1411



Tritanopia

28.4467, 22.4120, 19.6563

Trichromacy



Original Color

25.6876, 22.4420, 6.2267

Protanomaly

22.2510, 22.4666, 6.7782

Deuteranomaly

23.7971, 22.3488, 6.1915

Tritanomaly

27.2984, 22.4459, 13.2496

Monochromacy



Original Color

25.6876, 22.4420, 6.2267

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5405, 21.5384, 15.0786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6876, 22.4420, 6.2267 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(180, 116, 52)` looks like.

```
.text, #text, p{  
    color:rgb(180, 116, 52)  
}
```

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(180, 116, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 116, 52) }
```

Border

The CSS property to change the border of an element to XYZ 25.6876, 22.4420, 6.2267 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(180, 116, 52) }
```


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

```
.border{ border-color:rgb(180, 116, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 116, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 116, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 116, 52);  
box-shadow:4px 4px 4px 4px rgb(180, 116,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6876, 22.4420, 6.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 116, 52) }
```

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

```
.background{ background-color: rgb(180,  
116, 52) }
```

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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