

Converting Colors

XYZ(25.5345, 22.7187, 8.8982)

Have a look what the booklet for
XYZ(25.5345, 22.7187, 8.8982)
contains.

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Color

**XYZ(25.4884, 22.6292,
8.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	B07646
RGB	176, 118, 70
RGB Percent	69%, 46%, 27%
CMY	0.3098, 0.5372, 0.7255
CMYK	0.00, 0.33, 0.60, 0.31
HSL	27°, 43%, 48%
HSV	27°, 60%, 69%
XYZ	25.4884, 22.6292, 8.8188
YIQ	129.8700, 49.9760, -2.6320

Conversions

Conversions Part 2

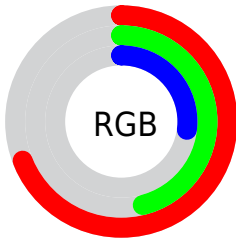
Format	Color
R_{YB}	176, 158, 70
Decimal	11564614
CIE _{Lab}	54.69, 17.74, 35.34
CIE _{LCh}	55, 39.546, 63.346
Yxy	22.6292, 0.4477, 0.3974
Android (android.graphics.Color)	4289754694 (0xFFB07646)
YUV	129.8700, -29.5159, 40.4560
Hunter-Lab	47.5702, 12.3937, 22.3076

Details

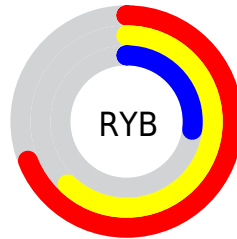
The XYZ color **25.4884, 22.6292, 8.8188** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.0809, 19.8739, 43.9571**, and the grayscale version is **21.2613, 22.3686, 24.3594**.

A 20% lighter version of the original color is **51.6966, 47.5979, 24.2319**, and **10.0387, 8.3153, 1.9401** is the 20% darker color. If you saturate the color by 10%, you get **23.9356, 20.2862, 5.9505**, and if you desaturate by 10%, it is **27.3209, 25.2712, 12.5840**.

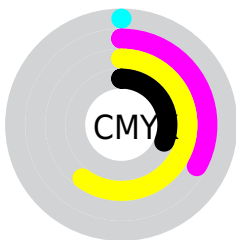
Distribution



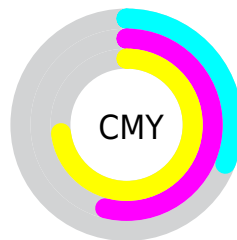
- Red (69%)
- Green (46%)
- Blue (27%)



- Red (69%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (60%)
- Black (31%)





- Cyan (31%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4884, 22.6292, 8.8188 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 25.4884, 22.6292, 8.8188 by changing the saturation by 10% instead.


 25.4884, 22.6292,
8.8188


 25.4884, 22.6292,
8.8188


272.5645,
265.8147, 192.1884


 16.5720, 14.3200,
4.5280


 51.8857, 47.7838,
24.1208


 10.0232, 8.3435,
1.9192


 70.0972, 65.3978,
35.9691


 5.4767, 4.3155,
0.5049

 92.1378, 86.8823,
51.1736

 2.5672, 1.8516,
0.0000

 118.3729,
112.6216, 70.1528

 0.9293, 0.5190,
0.0000

 149.1677,
143.0001, 93.3254

 0.0000, 0.0000,
0.0000

184.8877,

178.4022, 121.1098

225.8982,
219.2123, 153.9246

■ 25.4884, 22.6292,
8.8188

■ 25.4884, 22.6292,
8.8188

■ 23.9356, 20.2862,
5.9505

■ 27.3209, 25.2712,
12.5840

■ 22.6427, 18.2259,
3.8992

■ 29.4477, 28.2205,
17.3139

■ 21.5893, 16.4354,
2.5731

■ 31.8842, 31.4894,
23.0712

■ 20.7515, 14.9244,
1.7870

■ 34.6440, 35.0881,
29.9130

■ 37.7399, 39.0264,
37.8919

■ 41.1839, 43.3138,
47.0573

■ 44.9874, 47.9593,
57.4556

■ 49.1614, 52.9714,
69.1306

■ 53.7160, 58.3584,
82.1239

Harmonies

Analogous

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



29.2904, 22.6292, 13.6669



25.4884, 22.6292, 8.8188



21.0233, 22.6292, 7.6139

Triad

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



25.4884, 22.6292, 8.8188



14.1843, 22.6292, 26.0657



26.4482, 22.6292, 50.5974

Complementary

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



25.4884, 22.6292, 8.8188



18.0809, 19.8739, 43.9571

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.



22.0008, 22.6292, 57.1770



25.4884, 22.6292, 8.8188



15.2434, 22.6292, 40.3150

Square

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



25.4884, 22.6292, 8.8188



14.8582, 22.6292, 15.3698



17.9659, 22.6292, 52.8927



29.8950, 22.6292, 37.0414

Rectangle

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



25.4884, 22.6292, 8.8188



18.3574, 22.6292, 8.5270



17.9659, 22.6292, 52.8927



25.0008, 22.6292, 53.8727

Sweetspot

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



25.4889, 22.6303, 8.8192



63.8587, 64.9558, 56.8564



24.0107, 15.1769, 22.1898



13.5095, 13.6530, 11.4860



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.



25.4889, 22.6303, 8.8192



42.6518, 35.6057, 9.5140



33.5161, 38.6847, 11.4950



8.8027, 9.1180, 8.9485



15.2829, 11.0643, 1.3301



0.5394, 0.4652, 0.0614

Inverse Universe

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



18.0809, 19.8739, 43.9571



28.0101, 30.1158, 78.8319



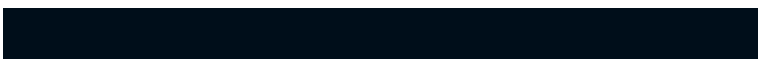
12.8988, 9.5098, 42.2297



8.4144, 8.9749, 10.7952



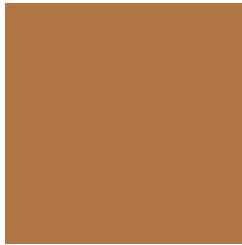
8.8976, 8.5956, 31.3272



0.3373, 0.3851, 1.0048

Previews

White Background



This preview shows how the XYZ color 25.4884, 22.6292, 8.8188 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 25.4884, 22.6292, 8.8188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

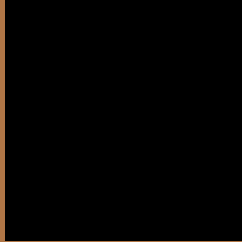
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4884, 22.6292, 8.8188

Background



This preview shows how black text looks on a background with the XYZ color 25.4884, 22.6292, 8.8188.



This preview shows how white text looks on a background with the XYZ color 25.4884, 22.6292,

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

25.4884, 22.6292, 8.8188

Protanopia

20.8879, 22.6699, 9.9314

Deuteranopia

23.0749, 22.6617, 8.6268



Tritanopia

28.0067, 22.6477, 20.6646

Trichromacy



Original Color

25.4884, 22.6292, 8.8188

Protanomaly

22.3738, 22.4707, 9.4614

Deuteranomaly

23.7596, 22.4557, 8.7123

Tritanomaly

27.0060, 22.5776, 15.5049

Monochromacy



Original Color

25.4884, 22.6292, 8.8188

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2003, 22.2075, 17.3037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4884, 22.6292, 8.8188 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(176, 118, 70)` looks like.

```
.text, #text, p{  
    color:rgb(176, 118, 70)  
}
```

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(176, 118, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 118, 70) }
```

Border

The CSS property to change the border of an element to XYZ 25.4884, 22.6292, 8.8188 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(176, 118, 70) }
```


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

```
.border{ border-color:rgb(176, 118, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 118, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 118, 70); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 118, 70); box-shadow:4px 4px 4px 4px rgb(176, 118, 70) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4884, 22.6292, 8.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 118, 70) }
```

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

```
.background{ background-color: rgb(176,  
118, 70) }
```

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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