

Converting Colors

XYZ(25.3013, 22.5810, 15.2743)

Have a look what the booklet for
XYZ(25.3013, 22.5810, 15.2743)
contains.

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Color

**XYZ(25.3080, 22.5683,
15.3342)**

Conversions

Conversions Part 1

Format	Color
Hex	A97765
RGB	169, 119, 101
RGB Percent	66%, 47%, 40%
CMY	0.3373, 0.5333, 0.6039
CMYK	0.00, 0.30, 0.40, 0.34
HSL	16°, 28%, 53%
HSV	16°, 40%, 66%
XYZ	25.3080, 22.5683, 15.3342
YIQ	131.8980, 35.5780, 5.0020

Conversions

Conversions Part 2

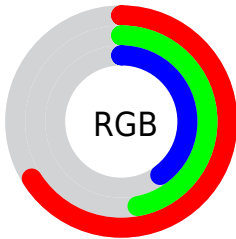
Format	Color
R_{YB}	169, 125, 101
Decimal	11106149
CIE _{Lab}	54.62, 17.25, 17.71
CIE _{LCh}	55, 24.725, 45.754
Yxy	22.5683, 0.4004, 0.3570
Android (android.graphics.Color)	4289296229 (0xFFA97765)
YUV	131.8980, -15.2327, 32.5385
Hunter-Lab	47.5061, 11.9569, 14.1164

Details

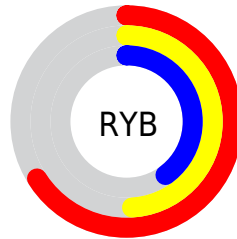
The XYZ color **25.3080, 22.5683, 15.3342** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.5944, 27.7634, 41.6514**, and the grayscale version is **21.9401, 23.0827, 25.1370**.

A 20% lighter version of the original color is **51.5944, 47.5616, 36.1667**, and **9.9262, 8.2915, 4.5673** is the 20% darker color. If you saturate the color by 10%, you get **23.1803, 19.5045, 10.9513**, and if you desaturate by 10%, it is **27.8005, 26.0891, 20.6792**.

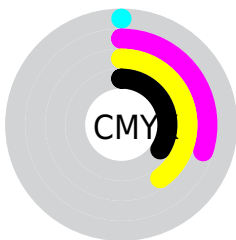
Distribution



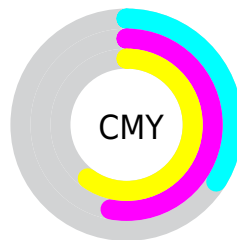
- Red (66%)
- Green (47%)
- Blue (40%)



- Red (66%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (34%)





- Cyan (34%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3080, 22.5683, 15.3342 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 25.3080, 22.5683, 15.3342 by changing the saturation by 10% instead.


 25.3080, 22.5683,
15.3342


 25.3080, 22.5683,
15.3342


271.6878,
265.4999, 237.0903


 16.4366, 14.2751,
8.9050


 51.5958, 47.6835,
36.1890

 9.9264, 8.3122,
4.5833


 69.7428, 65.2743,
51.4517

 5.4121, 4.2954,
1.9505

 91.7125, 86.7330,
70.4960

 2.5283, 1.8401,
0.5246

 117.8702,
112.4441, 93.7404

 0.9095, 0.5120,
0.0000

148.5812,
142.7919, 121.6035

 0.0000, 0.0000,
0.0000

184.2109,

178.1609, 154.5038

225.1247,
218.9354, 192.8599

■ 25.3080, 22.5683,
15.3342

■ 25.3080, 22.5683,
15.3342

■ 23.1803, 19.5045,
10.9513

■ 27.8005, 26.0891,
20.6792

■ 21.3977, 16.8754,
7.4714

■ 30.6728, 30.0815,
27.0380

■ 19.9412, 14.6616,
4.8307


■ 33.9409, 34.5637,
34.4602


■ 18.7891, 12.8407,
2.9567


■ 37.6197, 39.5516,
42.9915


■ 17.9165, 11.3881,
1.7639


■ 41.7229, 45.0606,
52.6753

 17.2908, 10.2924,
1.0753

 46.2639, 51.1053,
63.5524

 51.2553, 57.6999,
75.6616

 56.7093, 64.8579,
89.0401

 62.6375, 72.5924,
103.7234

Harmonies

Analogous

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



26.8844, 22.5683, 20.7289



25.3080, 22.5683, 15.3342



22.7626, 22.5683, 12.7325

Triad

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



25.3080, 22.5683, 15.3342



16.7729, 22.5683, 21.0703



22.9011, 22.5683, 41.9786

Complementary

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



25.3080, 22.5683, 15.3342



23.5944, 27.7634, 41.6514

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.



20.1898, 22.5683, 42.1244



25.3080, 22.5683, 15.3342



16.8031, 22.5683, 28.8653

Square

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



25.3080, 22.5683, 15.3342



17.9200, 22.5683, 15.5384



18.0063, 22.5683, 36.9313



25.4167, 22.5683, 36.5672

Rectangle

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



25.3080, 22.5683, 15.3342



20.9308, 22.5683, 12.4858



18.0063, 22.5683, 36.9313



21.9788, 22.5683, 42.6782

Sweetspot

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



25.3086, 22.5694, 15.3346



59.5707, 60.2423, 58.9309



26.6835, 20.0096, 32.1617



12.8225, 12.9096, 12.4761



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.3086, 22.5694, 15.3346



42.0021, 35.6404, 20.5959



29.9395, 31.8312, 16.8783



7.6867, 7.8534, 7.9000



12.9254, 7.7480, 0.8143



0.3553, 0.2702, 0.0334

Inverse Universe

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



23.5944, 27.7634, 41.6514



38.4946, 46.1596, 74.1059



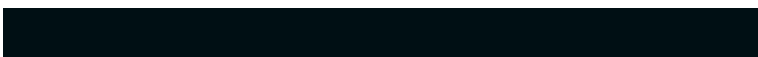
19.0069, 18.5884, 40.1222



7.5770, 8.1909, 9.6000



10.7785, 13.0172, 29.9200



0.3007, 0.3936, 0.7408

Previews

White Background



This preview shows how the XYZ color 25.3080, 22.5683, 15.3342 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 25.3080, 22.5683, 15.3342 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 25.3080, 22.5683, 15.3342

Background



This preview shows how black text looks on a background with the XYZ color 25.3080, 22.5683, 15.3342.



This preview shows how white text looks on a background with the XYZ color 25.3080, 22.5683,

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

25.3080, 22.5683, 15.3342

Protanopia

21.3653, 22.7622, 16.9031

Deuteranopia

23.0875, 22.7118, 15.2236



Tritanopia

26.6781, 22.6039, 22.0257

Trichromacy



Original Color

25.3080, 22.5683, 15.3342

Protanomaly

22.6657, 22.6623, 16.2763

Deuteranomaly

23.6813, 22.4569, 15.1431

Tritanomaly

26.0912, 22.5296, 19.4965

Monochromacy



Original Color

25.3080, 22.5683, 15.3342

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7176, 22.5790, 21.2500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3080, 22.5683, 15.3342 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(169, 119, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 119, 101)  
}
```

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(169, 119, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 119, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.3080, 22.5683, 15.3342 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(169, 119, 101) }
```


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

```
.border{ border-color:rgb(169, 119, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 119, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 119, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 119, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 119,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3080, 22.5683, 15.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 119, 101) }
```

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

```
.background{ background-color: rgb(169,  
119, 101) }
```

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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