

Converting Colors

XYZ(25.0089, 21.9539, 13.6641)

Have a look what the booklet for
XYZ(25.0089, 21.9539, 13.6641)
contains.

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Color

**XYZ(25.1055, 21.9749,
13.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	AB745F
RGB	171, 116, 95
RGB Percent	67%, 45%, 37%
CMY	0.3294, 0.5451, 0.6274
CMYK	0.00, 0.32, 0.44, 0.33
HSL	17°, 31%, 52%
HSV	17°, 44%, 67%
XYZ	25.1055, 21.9749, 13.7449
YIQ	130.0510, 39.5210, 5.1290

Conversions

Conversions Part 2

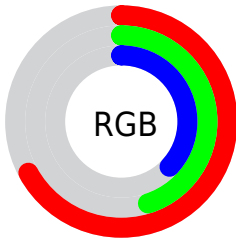
Format	Color
R_{YB}	171, 124, 95
Decimal	11236447
CIE _{Lab}	54.00, 19.08, 20.36
CIE _{LCh}	54, 27.907, 46.856
Yxy	21.9749, 0.4127, 0.3613
Android (android.graphics.Color)	4289426527 (0xFFAB745F)
YUV	130.0510, -17.2801, 35.9123
Hunter-Lab	46.8774, 13.5614, 15.4298

Details

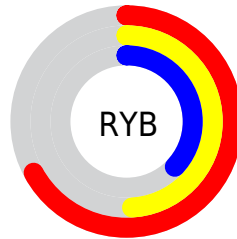
The XYZ color **25.1055, 21.9749, 13.7449** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9759, 27.1848, 42.5642**, and the grayscale version is **21.2860, 22.3946, 24.3877**.

A 20% lighter version of the original color is **51.1858, 46.5746, 33.4861**, and **9.7640, 7.9491, 3.9254** is the 20% darker color. If you saturate the color by 10%, you get **23.0793, 19.0329, 9.6465**, and if you desaturate by 10%, it is **27.4935, 25.3673, 18.8061**.

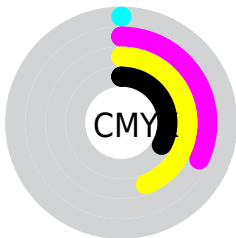
Distribution



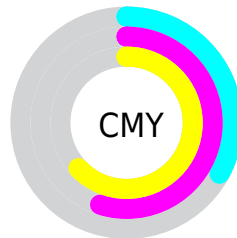
- Red (67%)
- Green (45%)
- Blue (37%)



- Red (67%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1055, 21.9749, 13.7449 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 25.1055, 21.9749, 13.7449 by changing the saturation by 10% instead.


 25.1055, 21.9749,
13.7449


 25.1055, 21.9749,
13.7449


270.7009,
262.4152, 227.0110


 16.2848, 13.8385,
7.8067


 51.2700, 46.7045,
33.3463

 9.8181, 8.0084,
3.8855


 69.3445, 64.0665,
47.8466

 5.3398, 4.1003,
1.5628

 91.2343, 85.2724,
66.0380

 2.4848, 1.7298,
0.2640

 117.3049,
110.7067, 88.3391

 0.8876, 0.4429,
0.0000

147.9214,
140.7537, 115.1684

 0.0000, 0.0000,
0.0000

183.4494,

175.7978, 146.9445

224.2541,
216.2235, 184.0858

■ 25.1055, 21.9749,
13.7449

■ 25.1055, 21.9749,
13.7449

■ 23.0793, 19.0329,
9.6465

■ 27.4935, 25.3673,
18.8061

■ 21.3945, 16.5187,
6.4477

■ 30.2588, 29.2252,
24.8853

■ 20.0310, 14.4125,
4.0797

■ 33.4183, 33.5667,
32.0348

■ 18.9658, 12.6912,
2.4629

■ 36.9871, 38.4080,
40.3031

■ 18.1720, 11.3295,
1.5019

■ 40.9795, 43.7648,
49.7358

■ 17.8214, 10.7116,
1.1283

■ 45.4091, 49.6518,
60.3756

■ 50.2890, 56.0831,
72.2634

■ 55.6316, 63.0725,
85.4379

■ 61.4489, 70.6331,
99.9364

Harmonies

Analogous

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



26.9383, 21.9749, 19.4296



25.1055, 21.9749, 13.7449



22.2322, 21.9749, 11.1303

Triad

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



25.1055, 21.9749, 13.7449



15.7359, 21.9749, 20.3477



22.6125, 21.9749, 43.5858

Complementary

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



25.1055, 21.9749, 13.7449



22.9759, 27.1848, 42.5642

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.



19.5962, 21.9749, 44.0022



25.1055, 21.9749, 13.7449



15.8165, 21.9749, 29.0697

Square

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



25.1055, 21.9749, 13.7449



16.9369, 21.9749, 14.2770



17.1688, 21.9749, 38.1953



25.4068, 21.9749, 37.1661

Rectangle

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



25.1055, 21.9749, 13.7449



20.2022, 21.9749, 10.9416



17.1688, 21.9749, 38.1953



21.5860, 21.9749, 44.4784

Sweetspot

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



25.1061, 21.9760, 13.7453



60.5870, 61.1206, 59.0618



26.4511, 19.0683, 31.4512



13.2208, 13.2339, 12.5057



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1061, 21.9760, 13.7453



41.5029, 34.3354, 17.6085



30.2951, 32.3540, 15.4750



8.1787, 8.3622, 8.3964



13.4738, 8.1530, 0.8635



0.4210, 0.3193, 0.0394

Inverse Universe

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



22.9759, 27.1848, 42.5642



37.1790, 44.7732, 75.6844



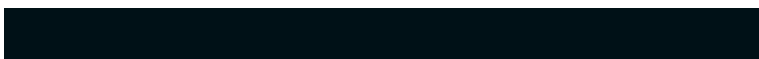
17.9456, 17.1243, 40.8874



8.0464, 8.6921, 10.2064



10.9962, 13.1263, 30.9986



0.3486, 0.4505, 0.8766

Previews

White Background



This preview shows how the XYZ color 25.1055, 21.9749, 13.7449 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 25.1055, 21.9749, 13.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

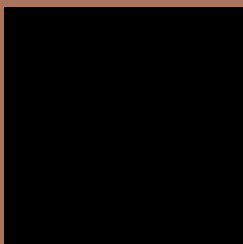
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1055, 21.9749, 13.7449

Background



This preview shows how black text looks on a background with the XYZ color 25.1055, 21.9749, 13.7449.



This preview shows how white text looks on a background with the XYZ color 25.1055, 21.9749,

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

25.1055, 21.9749, 13.7449

Protanopia

20.6805, 22.0434, 15.4767

Deuteranopia

22.5099, 22.0756, 13.4306



Tritanopia

26.4789, 21.8531, 20.9116

Trichromacy



Original Color

25.1055, 21.9749, 13.7449

Protanomaly

22.0375, 21.8002, 14.8507

Deuteranomaly

23.3550, 21.9565, 13.5968

Tritanomaly

25.8430, 21.7508, 18.1655

Monochromacy



Original Color

25.1055, 21.9749, 13.7449

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2216, 21.9713, 19.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1055, 21.9749, 13.7449 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(171, 116, 95)` looks like.

```
.text, #text, p{  
    color:rgb(171, 116, 95)  
}
```

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(171, 116, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 116, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.1055, 21.9749, 13.7449 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(171, 116, 95) }
```


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

```
.border{ border-color:rgb(171, 116, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 116, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 116, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 116, 95);  
box-shadow:4px 4px 4px 4px rgb(171, 116,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1055, 21.9749, 13.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 116, 95) }
```

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

```
.background{ background-color: rgb(171,  
116, 95) }
```

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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