

Converting Colors

XYZ(25.1341, 21.3538, 12.1763)

Have a look what the booklet for
XYZ(25.1341, 21.3538, 12.1763)
contains.

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Color

**XYZ(25.0529, 21.3083,
12.2437)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AE7059 |
| RGB | 174, 112, 89 |
| RGB Percent | 68%, 44%, 35% |
| CMY | 0.3176, 0.5608, 0.6510 |
| CMYK | 0.00, 0.36, 0.49, 0.32 |
| HSL | 16°, 34%, 52% |
| HSV | 16°, 49%, 68% |
| XYZ | 25.0529, 21.3083, 12.2437 |
| YIQ | 127.9160, 44.3350, 5.9910 |

Conversions

Conversions Part 2

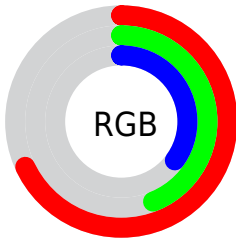
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 174, 121, 89 |
| Decimal | 11432025 |
| CIELab | 53.29, 21.94, 22.92 |
| CIELCh | 53, 31.732, 46.253 |
| Yxy | 21.3083, 0.4275, 0.3636 |
| Android (android.graphics.Color) | 4289622105 (0xFFAE7059) |
| YUV | 127.9160, -19.1856, 40.4157 |
| Hunter-Lab | 46.1609, 16.0957, 16.5866 |

Details

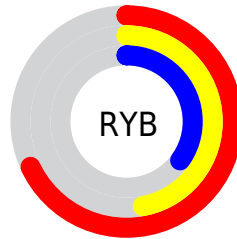
The XYZ color **25.0529, 21.3083, 12.2437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8258, 27.3118, 44.1129**, and the grayscale version is **20.5428, 21.6127, 23.5362**.

A 20% lighter version of the original color is **51.2144, 45.5708, 30.5229**, and **9.8213, 7.6514, 3.2447** is the 20% darker color. If you saturate the color by 10%, you get **23.1039, 18.4446, 8.4054**, and if you desaturate by 10%, it is **27.3731, 24.6379, 17.0582**.

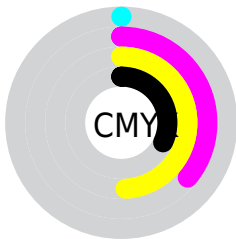
Distribution



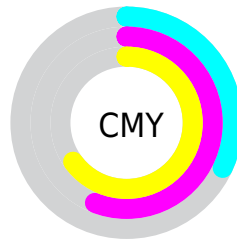
- Red (68%)
- Green (44%)
- Blue (35%)



- Red (68%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (32%)





- Cyan (32%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0529, 21.3083, 12.2437 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 25.0529, 21.3083, 12.2437 by changing the saturation by 10% instead.


 25.0529, 21.3083,
12.2437


 25.0529, 21.3083,
12.2437


270.4441,
258.9124, 217.0469


 16.2454, 13.3495,
6.7853

 51.1853, 45.6001,
30.6092


 9.7899, 7.6697,
3.2518


 69.2409, 62.7019,
44.3534

 5.3211, 3.8843,
1.2246

 91.1100, 83.6201,
61.6966

 2.4735, 1.6091,
0.0000

 117.1578,
108.7393, 83.0574

 0.8819, 0.3637,
0.0000

 147.7498,
138.4437, 108.8543

 0.0000, 0.0000,
0.0000

183.2512,

173.1178, 139.5058

224.0276,
213.1459, 175.4305

■ 25.0529, 21.3083,
12.2437

■ 25.0529, 21.3083,
12.2437

■ 23.1039, 18.4446,
8.4054

■ 27.3731, 24.6379,
17.0582

■ 21.5038, 16.0224,
5.4741

■ 30.0817, 28.4503,
22.9089

■ 20.2306, 14.0195,
3.3737


■ 33.1969, 32.7652,
29.8525


■ 19.2582, 12.4104,
2.0146


■ 36.7350, 37.6003,
37.9411


■ 18.5461, 11.1622,
1.2345


■ 40.7116, 42.9723,
47.2236

 18.4756, 11.0389,
1.1570

 45.1413, 48.8975,
57.7459

 50.0380, 55.3911,
69.5515

 55.4153, 62.4678,
82.6819

 61.2858, 70.1420,
97.1766

Harmonies

Analogous

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



27.1044, 21.3083, 18.4015



25.0529, 21.3083, 12.2437



21.8260, 21.3083, 9.4772

Triad

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



25.0529, 21.3083, 12.2437



14.6070, 21.3083, 19.0791



22.1141, 21.3083, 45.8624

Complementary

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



25.0529, 21.3083, 12.2437



22.8258, 27.3118, 44.1129

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.



18.7572, 21.3083, 46.1930



25.0529, 21.3083, 12.2437



14.6658, 21.3083, 28.7702

Square

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



25.0529, 21.3083, 12.2437



15.9380, 21.3083, 12.6210



16.1088, 21.3083, 39.2846



25.2837, 21.3083, 38.4777

Rectangle

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



25.0529, 21.3083, 12.2437



19.5578, 21.3083, 9.2480



16.1088, 21.3083, 39.2846



20.9643, 21.3083, 46.8602

Sweetspot

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



25.0534, 21.3094, 12.2441



62.4270, 62.4666, 59.1650



26.6410, 18.3888, 31.5656



13.5891, 13.4918, 12.5000



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.



25.0534, 21.3094, 12.2441



41.5290, 32.8905, 14.5271



30.8418, 32.8862, 14.1736



8.1750, 8.3549, 8.3952



13.4439, 8.0932, 0.8536



0.4196, 0.3164, 0.0390

Inverse Universe

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



22.8258, 27.3118, 44.1129



36.9454, 45.0089, 79.3772



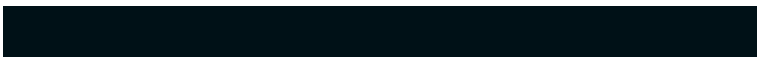
17.2108, 16.0818, 42.2412



8.0502, 8.6999, 10.2076



11.0885, 13.3108, 31.0293



0.3506, 0.4545, 0.8772

Previews

White Background



This preview shows how the XYZ color 25.0529, 21.3083, 12.2437 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 25.0529, 21.3083, 12.2437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

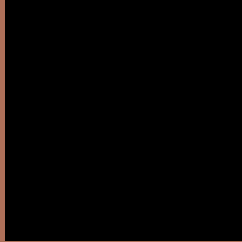
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0529, 21.3083, 12.2437

Background



This preview shows how black text looks on a background with the XYZ color 25.0529, 21.3083, 12.2437.



This preview shows how white text looks on a background with the XYZ color 25.0529, 21.3083,

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

25.0529, 21.3083, 12.2437

Protanopia

20.1470, 21.6012, 14.1739

Deuteranopia

21.8167, 21.3795, 11.9936



Tritanopia

26.4194, 21.2162, 19.2257

Trichromacy



Original Color

25.0529, 21.3083, 12.2437

Protanomaly

21.5130, 21.1934, 13.3128

Deuteranomaly

22.9378, 21.2385, 12.1230

Tritanomaly

25.7494, 21.0918, 16.3497

Monochromacy



Original Color

25.0529, 21.3083, 12.2437

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.6739, 21.1537, 18.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0529, 21.3083, 12.2437 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(174, 112, 89)` looks like.

```
.text, #text, p{  
    color:rgb(174, 112, 89)  
}
```

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(174, 112, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 112, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.0529, 21.3083, 12.2437 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(174, 112, 89) }
```


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

```
.border{ border-color:rgb(174, 112, 89) }
```

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

Here you see how a box with a 4 pixel rgb(174, 112, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 112, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 112, 89);  
box-shadow:4px 4px 4px 4px rgb(174, 112,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0529, 21.3083, 12.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 112, 89) }
```

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

```
.background{ background-color: rgb(174,  
112, 89) }
```

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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