

Converting Colors

XYZ(25.3963, 21.2167, 15.4068)

Have a look what the booklet for
XYZ(25.3963, 21.2167, 15.4068)
contains.

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Color

**XYZ(25.3163, 21.2124,
15.3305)**

Conversions

Conversions Part 1

Format	Color
Hex	AD6F66
RGB	173, 111, 102
RGB Percent	68%, 44%, 40%
CMY	0.3216, 0.5647, 0.6000
CMYK	0.00, 0.36, 0.41, 0.32
HSL	8°, 30%, 54%
HSV	8°, 41%, 68%
XYZ	25.3163, 21.2124, 15.3305
YIQ	128.5120, 39.8410, 10.3450

Conversions

Conversions Part 2

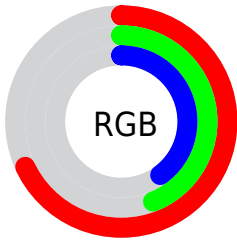
Format	Color
RYB	173, 112, 102
Decimal	11366246
CIELab	53.18, 23.51, 15.23
CIELCh	53, 28.013, 32.938
Yxy	21.2124, 0.4093, 0.3429
Android (android.graphics.Color)	4289556326 (0xFFAD6F66)
YUV	128.5120, -13.0704, 39.0160
Hunter-Lab	46.0569, 17.5172, 12.5046

Details

The XYZ color **25.3163, 21.2124, 15.3305** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2973, 32.3917, 44.4014**, and the grayscale version is **20.7307, 21.8103, 23.7514**.

A 20% lighter version of the original color is **51.4801, 45.3173, 36.1708**, and **9.8834, 7.5726, 4.5552** is the 20% darker color. If you saturate the color by 10%, you get **23.0350, 17.8826, 10.7698**, and if you desaturate by 10%, it is **28.0565, 25.1734, 20.9279**.

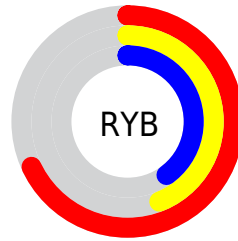
Distribution



Red (68%)

Green (44%)

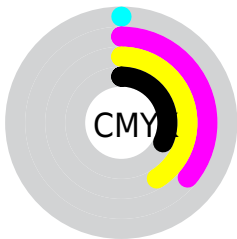
Blue (40%)



Red (68%)

Yellow (44%)

Blue (40%)

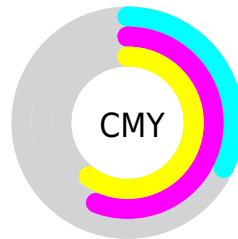


Cyan (0%)

Magenta (36%)

Yellow (41%)

Black (32%)



Cyan (32%)


Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3163, 21.2124, 15.3305 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 25.3163, 21.2124, 15.3305 by changing the saturation by 10% instead.


 25.3163, 21.2124,
15.3305


 25.3163, 21.2124,
15.3305


271.7282,
258.4051, 237.0673


 16.4429, 13.2793,
8.9025

 51.6091, 45.4408,
36.1824

 9.9309, 7.6212,
4.5817


 69.7592, 62.5049,
51.4434

 5.4151, 3.8535,
1.9496

 91.7321, 83.3814,
70.4857

 2.5300, 1.5920,
0.5240

 117.8934,
108.4549, 93.7280

 0.9104, 0.3522,
0.0000

148.6082,
138.1095, 121.5888

 0.0000, 0.0000,
0.0000

184.2421,

172.7299, 154.4866

225.1603,
212.7003, 192.8399

■ 25.3163, 21.2124,
15.3305

■ 25.3163, 21.2124,
15.3305

■ 23.0350, 17.8826,
10.7698

■ 28.0565, 25.1734,
20.9279

■ 21.1858, 15.1483,
7.1808

■ 31.2773, 29.7927,
27.6192

■ 19.7414, 12.9752,
4.4930

■ 35.0008, 35.0995,
35.4588

■ 18.6709, 11.3240,
2.6260

■ 39.2476, 41.1204,
44.4971

■ 17.9385, 10.1503,
1.4846

■ 44.0367, 47.8805,
54.7815

■ 17.5193, 9.4557,
0.9018

■ 49.3865, 55.4038,
66.3570

■ 55.3144, 63.7131,
79.2660

■ 61.8369, 72.8304,
93.5493

■ 68.5321, 82.6013,
106.9394

Harmonies

Analogous

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



26.3853, 21.2124, 22.2728



25.3163, 21.2124, 15.3305



22.8589, 21.2124, 11.4249

Triad

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



25.3163, 21.2124, 15.3305



15.5133, 21.2124, 16.4561



20.4543, 21.2124, 43.4578

Complementary

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



25.3163, 21.2124, 15.3305



26.2973, 32.3917, 44.4014

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.



17.6856, 21.2124, 40.8297



25.3163, 21.2124, 15.3305



15.0029, 21.2124, 23.9407

Square

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



25.3163, 21.2124, 15.3305



17.2274, 21.2124, 11.9545



15.7591, 21.2124, 33.1226



23.4117, 21.2124, 39.6226

Rectangle

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



25.3163, 21.2124, 15.3305



20.8685, 21.2124, 10.4188



15.7591, 21.2124, 33.1226



19.4712, 21.2124, 43.3024

Sweetspot

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



25.3168, 21.2134, 15.3309



61.8571, 61.6847, 61.7534



28.7508, 21.0935, 38.0184



13.2547, 13.1377, 13.0227



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.



25.3168, 21.2134, 15.3309



41.6970, 32.6760, 20.1618



29.8775, 30.3347, 16.8511



8.0841, 8.1730, 8.3648



12.8949, 6.9952, 0.6706



0.3838, 0.2447, 0.0270

Inverse Universe

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



26.2973, 32.3917, 44.4014



43.6656, 55.3296, 79.1840



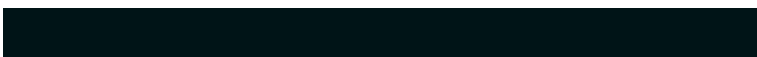
20.9014, 21.5998, 42.6027



8.1484, 8.8962, 10.2404



13.7076, 18.5490, 31.9024



0.4050, 0.5634, 0.8954

Previews

White Background



This preview shows how the XYZ color 25.3163, 21.2124, 15.3305 looks on a white background.

Color Contrast Check

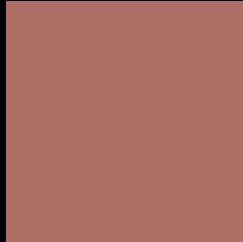
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3163, 21.2124, 15.3305 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 25.3163, 21.2124, 15.3305

Background



This preview shows how black text looks on a background with the XYZ color 25.3163, 21.2124, 15.3305.



This preview shows how white text looks on a background with the XYZ color 25.3163, 21.2124,

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

25.3163, 21.2124, 15.3305

Protanopia

20.2354, 21.3729, 17.8107

Deuteranopia

21.6542, 21.2287, 15.0128



Tritanopia

26.1351, 21.2203, 19.5481

Trichromacy



Original Color

25.3163, 21.2124, 15.3305

Protanomaly

21.7040, 21.0322, 16.8256

Deuteranomaly

22.9279, 21.1656, 15.1888

Tritanomaly

25.9561, 21.3204, 18.0764

Monochromacy



Original Color

25.3163, 21.2124, 15.3305

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.9664, 21.2707, 20.4007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3163, 21.2124, 15.3305 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(173, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(173, 111, 102)  
}
```

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(173, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 111, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.3163, 21.2124, 15.3305 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(173, 111, 102) }
```


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

```
.border{ border-color:rgb(173, 111, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 111, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(173, 111,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3163, 21.2124, 15.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 111, 102) }
```

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

```
.background{ background-color: rgb(173,  
111, 102) }
```

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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