

Converting Colors

XYZ(24.3985, 21.0462, 13.4881)

Have a look what the booklet for
XYZ(24.3985, 21.0462, 13.4881)
contains.

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Color

**XYZ(24.5482, 21.1825,
13.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	AA715F
RGB	170, 113, 95
RGB Percent	67%, 44%, 37%
CMY	0.3333, 0.5568, 0.6274
CMYK	0.00, 0.34, 0.44, 0.33
HSL	14°, 31%, 52%
HSV	14°, 44%, 67%
XYZ	24.5482, 21.1825, 13.6213
YIQ	127.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

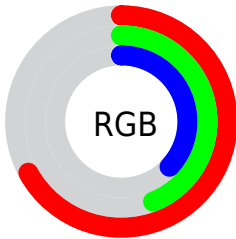
Format	Color
R_{YB}	170, 119, 95
Decimal	11170143
CIE Lab	53.15, 20.36, 19.20
CIE LCh	53, 27.984, 43.309
Yxy	21.1825, 0.4136, 0.3569
Android (android.graphics.Color)	4289360223 (0xFFAA715F)
YUV	127.9910, -16.2646, 36.8419
Hunter-Lab	46.0245, 14.6643, 14.6698

Details

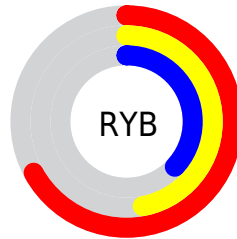
The XYZ color **24.5482, 21.1825, 13.6213** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2027, 27.7904, 42.1712**, and the grayscale version is **20.5601, 21.6309, 23.5560**.

A 20% lighter version of the original color is **50.3220, 45.3165, 33.2888**, and **9.4580, 7.5334, 3.8613** is the 20% darker color. If you saturate the color by 10%, you get **22.5180, 18.2268, 9.5392**, and if you desaturate by 10%, it is **26.9533, 24.6181, 18.6607**.

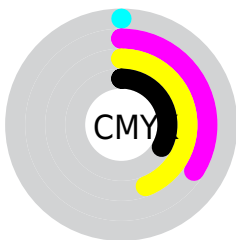
Distribution



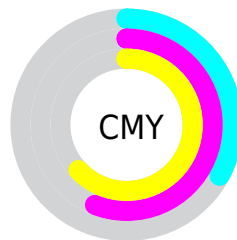
- Red (67%)
- Green (44%)
- Blue (37%)



- Red (67%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5482, 21.1825, 13.6213 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 24.5482, 21.1825, 13.6213 by changing the saturation by 10% instead.


 24.5482, 21.1825,
13.6213


 24.5482, 21.1825,
13.6213


267.9697,
258.2468, 226.2079


 15.8677, 13.2575,
7.7220


 50.3715, 45.3911,
33.1230


 9.5208, 7.6061,
3.8324


 68.2450, 62.4434,
47.5624

 5.1422, 3.8439,
1.5338

 89.9136, 83.3069,
65.6857

 2.3666, 1.5867,
0.2430

 115.7426,
108.3661, 87.9113

 0.8284, 0.3486,
0.0000

146.0973,
138.0053, 114.6578

 0.0000, 0.0000,
0.0000

181.3432,

172.6088, 146.3437

221.8456,
212.5612, 183.3875

■ 24.5482, 21.1825,
13.6213

■ 24.5482, 21.1825,
13.6213

■ 22.5180, 18.2268,
9.5392

■ 26.9533, 24.6181,
18.6607

■ 20.8415, 15.7263,
6.3521

■ 29.7499, 28.5508,
24.7121

■ 19.4975, 13.6585,
3.9917

■ 32.9555, 33.0006,
31.8274

■ 18.4616, 11.9978,
2.3798

■ 36.5861, 37.9857,
40.0545

■ 17.7060, 10.7155,
1.4223

■ 40.6567, 43.5232,
49.4385

■ 17.3638, 10.1187,
1.0379

■ 45.1817, 49.6295,
60.0220

■ 50.1748, 56.3203,
71.8453

■ 55.6489, 63.6106,
84.9470

■ 61.6167, 71.5151,
99.3638

Harmonies

Analogous

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



26.1715, 21.1825, 19.5239



24.5482, 21.1825, 13.6213



21.8064, 21.1825, 10.7430

Triad

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



24.5482, 21.1825, 13.6213



15.1752, 21.1825, 18.7069



21.4672, 21.1825, 42.7540

Complementary

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



24.5482, 21.1825, 13.6213



23.2027, 27.7904, 42.1712

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.



18.5481, 21.1825, 42.3806



24.5482, 21.1825, 13.6213



15.1036, 21.1825, 27.0084

Square

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



24.5482, 21.1825, 13.6213



16.4886, 21.1825, 13.1497



16.2823, 21.1825, 36.0942



24.2790, 21.1825, 37.0156

Rectangle

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



24.5482, 21.1825, 13.6213



19.8078, 21.1825, 10.3529



16.2823, 21.1825, 36.0942



20.4624, 21.1825, 43.3743

Sweetspot

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



24.5487, 21.1835, 13.6217



60.3437, 60.6340, 58.9807



26.3783, 19.0140, 32.2007



13.1591, 13.1105, 12.4851



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.



24.5487, 21.1835, 13.6217



40.9092, 33.1480, 17.4106



29.5494, 31.1849, 15.2886



7.6719, 7.8239, 7.8951



12.8106, 7.5185, 0.7760



0.3499, 0.2593, 0.0316

Inverse Universe

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



23.2027, 27.7904, 42.1712



38.1133, 46.6418, 75.9959



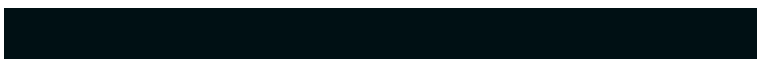
18.1059, 17.5969, 40.4723



7.5927, 8.2223, 9.6052



11.1754, 13.8110, 30.0523



0.3079, 0.4080, 0.7432

Previews

White Background



This preview shows how the XYZ color 24.5482, 21.1825, 13.6213 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 24.5482, 21.1825, 13.6213 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 24.5482, 21.1825, 13.6213

Background



This preview shows how black text looks on a background with the XYZ color 24.5482, 21.1825, 13.6213.



This preview shows how white text looks on a background with the XYZ color 24.5482, 21.1825,

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

24.5482, 21.1825, 13.6213

Protanopia

19.9300, 21.2692, 15.3669

Deuteranopia

21.6978, 21.2887, 13.3215



Tritanopia

25.8592, 21.2305, 19.8745

Trichromacy



Original Color

24.5482, 21.1825, 13.6213

Protanomaly

21.4244, 21.1158, 14.7510

Deuteranomaly

22.7178, 21.2709, 13.4980

Tritanomaly

25.2935, 21.1526, 17.5016

Monochromacy



Original Color

24.5482, 21.1825, 13.6213

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5630, 21.2665, 19.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5482, 21.1825, 13.6213 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(170, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(170, 113, 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(170, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 113, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.5482, 21.1825, 13.6213 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(170, 113, 95) }
```


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

```
.border{ border-color:rgb(170, 113, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 113, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(170, 113,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5482, 21.1825, 13.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 113, 95) }
```

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

```
.background{ background-color: rgb(170,  
113, 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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