

Converting Colors

XYZ(25.4745, 24.2230, 11.3155)

Have a look what the booklet for
XYZ(25.4745, 24.2230, 11.3155)
contains.

XYZ(25.4745, 24.2230, 11.3155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4745, 24.2230,
11.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	A97F52
RGB	169, 127, 82
RGB Percent	66%, 50%, 32%
CMY	0.3373, 0.5019, 0.6784
CMYK	0.00, 0.25, 0.51, 0.34
HSL	31°, 35%, 49%
HSV	31°, 51%, 66%
XYZ	25.4745, 24.2230, 11.3155
YIQ	134.4280, 39.4770, -5.0910

Conversions

Conversions Part 2

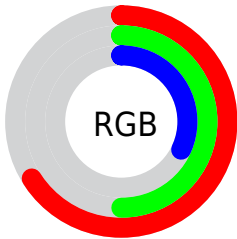
Format	Color
R _Y B	163, 169, 82
Decimal	11108178
CIE Lab	56.31, 10.69, 30.64
CIE LCh	56, 32.454, 70.767
Yxy	24.2230, 0.4175, 0.3970
Android (android.graphics.Color)	4289298258 (0xFFA97F52)
YUV	134.4280, -25.8470, 30.3196
Hunter-Lab	49.2169, 6.2615, 20.8204

Details

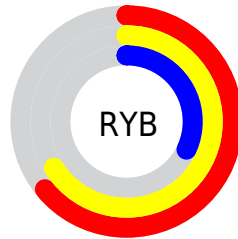
The XYZ color **25.4745, 24.2230, 11.3155** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.8483, 19.0727, 40.2765**, and the grayscale version is **22.9003, 24.0929, 26.2371**.

A 20% lighter version of the original color is **51.8501, 50.4772, 28.8401**, and **9.9823, 9.1536, 2.9098** is the 20% darker color. If you saturate the color by 10%, you get **23.8978, 21.9751, 7.9985**, and if you desaturate by 10%, it is **27.2961, 26.7073, 15.4960**.

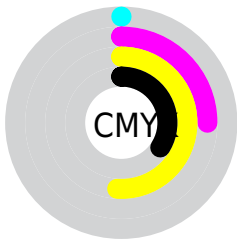
Distribution



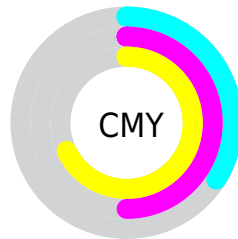
- Red (66%)
- Green (50%)
- Blue (32%)



- Red (64%)
- Yellow (66%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (51%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4745, 24.2230, 11.3155 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 25.4745, 24.2230, 11.3155 by changing the saturation by 10% instead.

■ 25.4745, 24.2230,
11.3155

■ 25.4745, 24.2230,
11.3155

272.4971,
273.9460, 210.6340

■ 16.5615, 15.4991,
6.1626

■ 51.8633, 50.3939,
28.8876

■ 10.0157, 9.1704,
2.8738

■ 70.0699, 68.6096,
42.1440

■ 5.4717, 4.8525,
1.0306

■ 92.1051, 90.7582,
58.9386

■ 2.5642, 2.1610,
0.0000

■ 118.3342,
117.2238, 79.6899

■ 0.9277, 0.6986,
0.0000

■ 149.1226,
148.3911, 104.8166

■ 0.0000, 0.0000,
0.0000

184.8356,

184.6442, 134.7372

225.8387,
226.3677, 169.8701

■ 25.4745, 24.2230,
11.3155

■ 25.4745, 24.2230,
11.3155

■ 23.8978, 21.9751,
7.9985

■ 27.2961, 26.7073,
15.4960

■ 22.5503, 19.9512,
5.4806

■ 29.3735, 29.4325,
20.5953

■ 21.4172, 18.1431,
3.6904

■ 31.7188, 32.4075,
26.6657

■ 20.4801, 16.5399,
2.5430

■ 34.3427, 35.6396,
33.7551

■ 19.8045, 15.3199,
1.9132

■ 37.2556, 39.1356,
41.9082

■ 40.4668, 42.9021,
51.1670

■ 43.9857, 46.9453,
61.5712

■ 47.8208, 51.2716,
73.1587

■ 51.9805, 55.8866,
85.9654

Harmonies

Analogous

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



28.9110, 24.2230, 15.0818



25.4745, 24.2230, 11.3155



21.7056, 24.2230, 10.8737

Triad

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



25.4745, 24.2230, 11.3155



16.6560, 24.2230, 30.4128



28.0460, 24.2230, 45.2520

Complementary

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



25.4745, 24.2230, 11.3155



17.8483, 19.0727, 40.2765

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.



24.3931, 24.2230, 52.2249



25.4745, 24.2230, 11.3155



17.9946, 24.2230, 42.2401

Square

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



25.4745, 24.2230, 11.3155



16.8784, 24.2230, 20.1550



20.7345, 24.2230, 50.9938



30.5032, 24.2230, 33.7580

Rectangle

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



25.4745, 24.2230, 11.3155



19.5367, 24.2230, 12.3401



20.7345, 24.2230, 50.9938



26.9017, 24.2230, 48.3266

Sweetspot

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



25.4751, 24.2242, 11.3160



59.6654, 61.5802, 55.4219



23.0207, 15.9263, 20.9462



12.7977, 13.1672, 11.5205



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.



25.4751, 24.2242, 11.3160



42.3790, 38.7382, 13.4950



31.7635, 37.2603, 13.5008



7.8400, 8.1601, 7.9511



14.8142, 11.5257, 1.4439



0.4113, 0.3822, 0.0521

Inverse Universe

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



17.8483, 19.0727, 40.2765



27.1645, 28.4685, 71.2883



13.7860, 10.7589, 38.8859



7.4194, 7.8757, 9.5475



7.6156, 6.6915, 28.8657



0.2367, 0.2657, 0.7195

Previews

White Background



This preview shows how the XYZ color 25.4745, 24.2230, 11.3155 looks on a white background.

Color Contrast Check

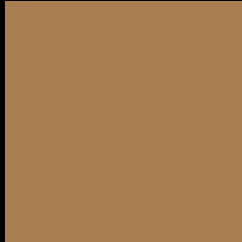
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4745, 24.2230, 11.3155 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 25.4745, 24.2230, 11.3155

Background



This preview shows how black text looks on a background with the XYZ color 25.4745, 24.2230, 11.3155.



This preview shows how white text looks on a background with the XYZ color 25.4745, 24.2230,

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

25.4745, 24.2230, 11.3155

Protanopia

22.3363, 24.1869, 12.0856

Deuteranopia

24.6831, 24.2022, 11.3532



Tritanopia

28.1002, 24.1707, 24.3035

Trichromacy



Original Color

25.4745, 24.2230, 11.3155

Protanomaly

23.3691, 24.1112, 11.8097

Deuteranomaly

24.9680, 24.1545, 11.3290

Tritanomaly

27.0769, 24.1288, 18.8530

Monochromacy



Original Color

25.4745, 24.2230, 11.3155

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2434, 23.6734, 19.5640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4745, 24.2230, 11.3155 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, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 82)  
}
```

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, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 82) }
```

Border

The CSS property to change the border of an element to XYZ 25.4745, 24.2230, 11.3155 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, 127, 82) }
```


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

```
.border{ border-color:rgb(169, 127, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 127, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(169, 127,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4745, 24.2230, 11.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 82) }
```

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

```
.background{ background-color: rgb(169,  
127, 82) }
```

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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